Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

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Volume 146 No. 13 — Schnell Publishing Company, Inc., Publishers — September 25, 1944

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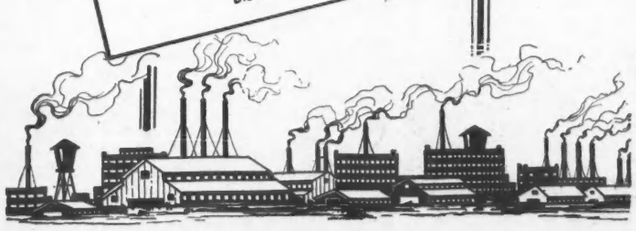

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Some Commercial Applications of Polyethylene Glycols and "CARBOWAX" Compounds

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Agriculture
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Leather
Polishes; cleaners; dye penetrant; dressing agent.

Metal
Extrusion and drawing lubricants.

Paper
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Pharmaceuticals
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Photography
Film lubricant.

Polishes
Lubricant and film-former; spreading agent.

Pigments and Paints
Carrier and dispersing agent.

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Mold lubricants; compounding wax; activator for mercapto-type accelerators.

Textiles
Lubricant: dispersant for dyes; finishing agent; sizing compounds; detergent intermediate.

Cosmetics
Ingredient of creams, lotions, hair-dressings, and make-up preparations.

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Oil, Paint and Drug Reporter

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Vol. 146 No. 13 New York 7, N. Y. September 25, 1944

Alcohol Rubber Process Perpetuation Sought

OPD Washington Bureau

A White House conference with the President is to be sought by members of the Gillette committee of the senate on the question of disposition of the government-owned plants erected in the Midwest to produce alcohol from grain for the war program. Senator Gillette said, September 20, that members of the committee are disturbed by reports reaching them that these plants may be lumped together with all other surplus properties of the government and disposed of with no assurance that they will be continued in operation to supply alcohol for synthetic rubber manufacture and thus provide this additional outlet for surplus grain after the war.

The committee's fears are based on formal reports submitted recently by the Department of Agriculture and the Department of Commerce on the senator's bill (S. 1963) for disposition of the synthetic rubber plants in which the two departments, while expressing appreciation of the aims of the author to protect the interests of ag-

—Continued on page 50

Health Standards Hearing Gets Views

OPD Washington Bureau

The second series of hearings on the nation's health having as their aim the development of a program for the improvement of health standards through a cooperative effort upon the part of the state and local governments were held before a special subcommittee of the senate committee on education and labor September 18, 19, and 20.

Conflicting views were heard by the committee on the Federal government's role in a national program with representatives of the medical profession voicing strong objections to any proposal that entails subsidizing medicine while spokesmen for the labor organizations voiced support for a program outlined at earlier hearings by Dr. Thomas Parran, Surgeon Gen-

—Continued on page 44

Hog Cholera Serum Marketing Order Studied

OPD Washington Bureau

A proposed marketing agreement and order regulating the handling of anti-hog-cholera serum and hog-cholera virus was issued September 16 by the Bureau of Animal Industry of the Department of Agriculture. The proposed agreement and order is the outgrowth of proceedings inaugurated by the bureau in November, 1939, to remedy alleged defects in the marketing order that has been in effect since December 7, 1936.

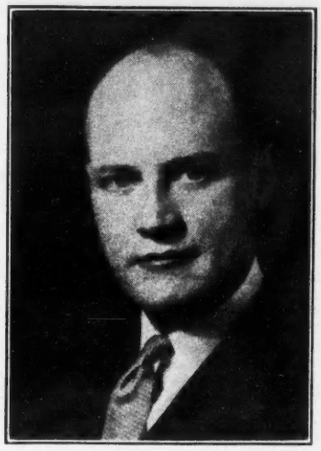
A copy of the proposed new agreement and order is printed in the Federal Register of September 16 and interested persons are given fifteen days from that date within which to file exceptions with the hearing clerk, room 1331, Department of Agriculture, Washington, D. C.

Phosphate Export Suits Set for Hearing

The Federal Trade Commission has appointed John W. Norwood as trial examiner for the taking of testimony in its actions against the Florida Hard Rock Phosphate Export Association, the Phosphate Export Association, and others. The taking of testimony with respect to the first-named association and others will be started September 25 at 10:00 a.m. in FTC building, Washington. The starting date relative to the Phosphate Export Association and others will be October 16; the place will be the same.

The associations are charged with price-fixing and interference with competition in violation of the Webb-Pomerene law.

In U.S.I. Sales Post



Milton F. Martin has been appointed assistant general sales manager for U. S. Industrial Chemicals, Inc., New York. With the sales department since 1935, Mr. Martin has been for the past six years assistant to L. A. Keane, vice-president in charge of sales. Prior to that he was located in the Philadelphia, Detroit and Cleveland territories.

Drug Contact Committee To Meet October 10-11

The Combined Contact Committee of the American Drug Manufacturers Association and the American Pharmaceutical Manufacturers Association will meet October 10 and 11 in Washington. The sessions will be in the Hotel Washington.

Preliminary agenda for the meeting include the following:—Clarity of parenteral solutions, synthetic rubber closures, U.S.P. heavy metals test, packaging and preservation of chemicals, precipitation in solutions of thiamine hydrochloride, digitalis, color tests for apomorphine, standard assay for storax.

N.P.V.L.A. Executive Group to Meet Oct. 17

The Executive Committee of the National Paint, Varnish and Lacquer Association is scheduled to hold its regular quarterly meeting October 17 in the Pennsylvania hotel, New York. The Budget and Finance Committee is scheduled to hold a breakfast meeting the same day at the same hotel.

FWDA Convention Discusses Postwar Plans and Problems

A minimum of central control from Washington, with the detail planning left to the individual initiative of business and workers, is the basic theme upon which the War Production Board is planning to operate at the conclusion of war hostilities, J. A. Krug, acting chairman of WPB informed the Road Ahead Conference, a feature of the twenty-ninth annual convention of the Federal Wholesale Druggists Association held in the Waldorf-Astoria, New York, September 14 to 16. Mr. Krug in his message to the conference said that WPB will strip down as follows:—

R. C. Schlotterer
Executive Secretary

1. All limitation and materials conservation orders that can possibly be removed will be stricken from our books. A lineup of the orders to be eliminated has been worked out. We will, however, have to retain a specific control on those materials which are likely to be tight even after the defeat of Germany and which are essential to production of munitions. These tight materials, as they now shape up, include cotton textiles, crude rubber, tin, lumber, cordage fibers, some chemicals and a few other items.

2. To protect military production, military programs will be given a priority rating which will give them a green light in all plants. We will also retain our present AAA rating for emergencies, both military and civilian. This is an overriding priority which is tantamount to a motorcycle escort through traffic and which has been used for emergency programs.

In discussing the viewpoints of the

—Continued on page 50

John A. Crozier
Re-elected President

Phila. Drug Exchange To Golf October 4

The Fall outing of the Philadelphia Drug Exchange is scheduled for October 4. It will be held at the LuLu Temple Country Club, near North Hills, Pa. Weather permitting, golf will be the major event in the afternoon activities. Dinner will be started shortly after 7 p.m., to be followed by a show. There will be prizes for various things.

The general fee is $5 a person, six for $25. The golf greens fee is $2 extra.

E. F. Schafer heads the committee on arrangements. J. M. Rosenberger, 503 Arch street, is receiving the participation fees.

Surplus Property Disposal Programmed by Congress

OPD Washington Bureau

A modified surplus porperty disposal bill (H. R. 5125), placing direction over the disposition of an estimated $100,000,000,000 or more of excess war goods, materials, and plants in the hands of a three-man Surplus Property Board was on the President's desk awaiting his signature September 21, following its enactment by the senate and house earlier in the week.

The bill finally approved and sent to the White House differed in several marked respects from either of the two proposals that had been under consideration by the senate and house, but retained in congressional hands the final determination of policy on the biggest problems of the disposal program, that of the disposition of the heavily government-invested plants.

Provision is specifically made in the legislation that within three months the Surplus Property Board must draw up plans and report to Congress how it is proposed to dispose of surplus plants, costing the government $5,000,000 or more, for production of aluminum, magnesium, synthetic rubber, chemicals, aviation gas and gasoline, and iron and steel. Similarly reports must also be made on plans for disposal of pipelines for trans-

—Continued on page 44

Distribution Conference In New York Oct. 23-24

William Y. Elliott, vice-chairman for civilian requirements of the War Production Board, and a score of authorities in the various fields of distribution will participate in the Domestic Distribution Conference of the Chamber of Commerce of the United States in New York, October 23-24. Mr. Elliott will discuss "The Government's Position" at a session on price control and civilian supply. President Eric A. Johnston of the chamber will make an address at a dinner October 23 on the subject, "Distribution—a Key to Prosperity."

WARF Manager Going With Hoffmann-LaRoche

L. D. Barney, business manager for the Wisconsin Alumni Research Foundation, Madison, Wis., is resigning, according to a special dispatch to the *Milwaukee Journal*, to accept an executive position with Hoffmann-La Roche, Inc., drug manufacturer, Nutley, N. J., at a salary of $75,000 a year. Individual trustees of the foundation are reported to have admitted that Mr. Barney was leaving, but it has not been possible to get confirmation from him or the research organization. Hoffmann-La Roche says it has no comment.

While Mr. Barney is expected to submit his resignation to the WARF trustees soon, it is probable that it will not become effective until the foundation's suit under the Steenbock irradiation process patent relative to vitamin D has at least gone through the Federal court proceedings in Chicago, scheduled to begin in October.

Mr. Barney, born in Milwaukee in 1906, is a graduate of the University of Wisconsin. He became associated with the research foundation in 1932 as an accountant, later becoming assistant to Harry L. Russell, its director. He was made business manager in July, 1939.

Wisc. Boric Labeling Deferred

Pending outcome of the Bloom bill, calling for the labeling of all boric acid containers as "poison," now pending before Congress, the Wisconsin State Board of Health will defer action on a similar precaution through amendment of its sanitary code.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

Sept. 22, 1944	Sept. 15, 1944	Sept. 24, 1943
136.6	**136.6**	**137.6**

The base of the OPD Price Index is the average of prices in 1926 and 1930, those years representing extremes of price undulations in the interwar period.

Activities in price and purchasing were not brisk last week in the markets for chemicals, oils, and drugs. Demand was still under wraps, and the endeavors to get men for essential munitions making indicated that manufacturing in other fields was a long way from expansion. Here and there men were being got out of groups returning from the war—and here and there these veterans were reported barred by union rules.

Essential oils and botanical drugs gave the general price level a fractional boost. Price changes were mostly on the down side and mainly of minor importance.

Bids Wanted

Detergent, Colloidal:—4,000 pounds for laundry use, Warden, Justice-Prisons, Federal Reformatory, Petersburg, Va.; invitation 9-2023, opening September 24.

Drugs and Chemicals: — Procurement Division, Veterans Administration, Washington (25); invitation 108, opening September 29.

Drugs and Chemicals: — Procurement Division, Veterans Administration, Washington (25); invitation 110, opening September 29.

Dyes:—3,000 packages, Procurement Division, Veterans Administration, Washington (25); invitation X-82, opening October 4.

Fiber Boxes, Corrugated:—Chief, Materiel Section, Department of Commerce, Weather Bureau, Washington (25); invitation 67-WB-46, opening October 4.

Insecticide, Liquid: — Assistant Chief, Service Division, Federal Works Agency, Public Buildings Administration, Office of Buildings Management, Washington (25); invitation 894-9-26-CF, opening September 26.

Oil:—1,650 gallons, Purchasing Agent, Government Printing Office, Washington (25); opening September 18.

Paint, Cement-Water: — 2,000 pounds, Warden, Justice-Prisons, Federal Reformatory, Petersburg, Va.; invitation 9-2029, opening Septembre 28.

Paints:—Supply Officer, Veterans Administration, Chillicothe, Ohio; invitation 45-96, opening September 18.

Paints:—Warden, Justice-Prison, Federal Correctional Institution, LaTuna, Tex.; invitation 13-2954, opening September 22.

Pebble Lime:—Commissioner of Purchases and Supplies, City Hall, Cleveland; ordnance No. 774-44, opening September 22.

Pepper-Salt Mixture: — 3,805,000 one ounce envelopes, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); announcement Awd-212, opening September 21.

Potassium Metabisulphate:—72 pounds, Purchasing Agent, Government Printing Office, Washington (25); opening September 20.

Soap Powder:—2,500 pounds, Assistant Chief, Service Office, Federal Works Agency, Public Buildings Administration, Office of Buildings Management, Washington (25); invitation 967-9-26-hbs, opening September 28.

Soap, toilet:—300 gallons liquid, Chief Clerk, Department of Justice, Bureau of Prisons, Federal Correctional Institution, Tallahassee, Fla.; invitation 23-1321, opening September 26.

Solvent, Dry Cleaning:—300 gallons, Supply Officer, Veterans Administration, Kecoughtan, Va.; invitation 45-62, opening September 25.

Paint Tests Committee Created by F.P.V.P.C.

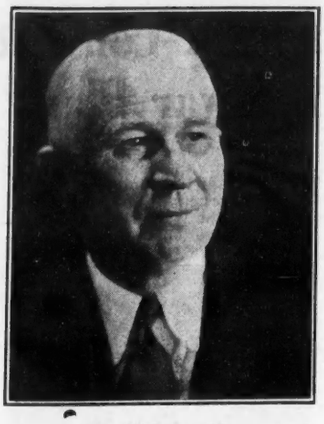
A committee on standards and methods of tests has been organized in the Federation of Paint and Varnish Production Clubs. The purpose of this new unit will be to evaluate the various methods of tests used in specifications or similar instruments in which tests are employed for the purpose of manufacturing and purchasing coatings. President Joseph J. Mattiello says too many discrepancies had arisen when the same test method have been employed in several laboratories. The function of this committee is, broadly, to see if such discrepancies can be eliminated.

The personnel of the new committee is as follows:—Robert W. Matlack, chairman; Paul O. Blackmore, vice-chairman; Austin O. Allen, V. C. Bidlack, E. J. Cole, K. J. Howe, C. Lemcke, W. H. Lutz, John C. Moore, A. E. Standerman, and H. M. Wilcox.

Obituaries

Dr. Walter S. Landis

Dr. Walter S. Landis, vice-president and director of the American Cyanamid Company, New York, died unexpectedly of a heart attack at his home in Old Greenwich, Conn., September 15. He was sixty-five years of age.



Dr. W.S. Landis

Born in Pottstown, Pa., Dr. Landis graduated from Lehigh University in 1902 as a metallurgical engineer and obtaining his M.S. from the same institution in 1906 and in 1922 he received his Sc.D. Dr. Landis served on the faculty of Lehigh University until 1912 when he resigned to become chief technologist for the American Cyanamid Company.

Dr. Landis received many honors in recognition for his many contributions to chemical and metallurgical progress. Among these honors were the Chemical Industry Metal in 1936, the Perkin Medal in 1939 and the American Institute of Chemists' Medal in 1943. Dr. Landis held approximately twenty United States patents and a corresponding number abroad, most of them devoted to nitrogen fixation, ammonia oxidation and derivatives of cyanamid.

Surviving are his wife and two sons.

H.O. Chute

Harry Owen Chute, who aided in perfecting equipment and processes used in wood distillation plants, died of bronchial pneumonia September 19. He was seventy-seven years of age.

Born in Indiana, Mr. Chute was graduated in 1887 from Columbian University, now George Washington University, Washington. He worked as an analytical chemist in various parts of the United States and Cuba until 1895, when he became superintendent of the Southern Chemical Company, a wood distillation plant, at Yuma, Mich.

He was engaged in construction of wood distillation plants and apparatus until he moved to New York in 1907. Until his retirement five years ago, Mr. Chute carried on a consulting chemical engineer practice in New York.

Alexander J. Geiges, Jr.

Alexander John Geiges, jr., manager of the technical sales service for the Baker Castor Oil Company, Bayonne, N. J., died in a hospital in Belleville, N. J., September 14, a victim of infantile paralysis. He was thirty years of age.

Born in East Orange, N. J., Mr. Geiges joined the technical staff of the Baker Castor Oil upon his graduation from Rutgers University in 1936. He then was assigned to the research and development department and subsequently was named to the technical sales service department, later becoming manager of the department, coincident with obtaining his M.Sc. from New York University.

Surviving are his wife, two sons, a brother and his father.

Edgar C. Lewis

Edgar C. (Blondy) Lewis, district sales manager for the Mallinckrodt Chemical Works, St. Louis, died from a heart attack September 20 in his home in Rochester, N. Y. He was sixty-four years old. Mr. Lewis began his drug trade experience with the Walker-Gibson wholesale house, later becoming a traveling representative of the Whitall-Tatum Company. He went with the New York division of the Mallinckrodt company July 1, 1910, and called on the trade in the metropolitan area until 1933 when he was placed in charge of the Western New York and Pennsylvania territory, with headquarters in Rochester. His immediate survivors are his wife and his sister.

E.W. Sinclair

Earle Westwood Sinclair, president of the Sinclair Consolidated Oil Corporation and the Sinclair Refining Company, and chairman of the executive committee of the Sinclair Oil Corporation, died September 21. He was seventy years of age.

Mr. Sinclair, who had been associated with his brother, Harry F. Sinclair, in oil companies since 1921, had started in business as an oil producer and later became an oil banker before joining the administration of the Sinclair interests. He was one of the early pioneers of the mid-continent field of the petroleum industry, joining the Independence Gas Company and other concerns in 1904.

Surviving are his wife and two children.

Carl Peter Waldinger

Carl Peter Waldinger, pioneer in the American dyestuff industry died in Boston, Mass., September 10.

Mr. Waldinger who had been associated with the dyestuff industry throughout his entire career, in 1916 established one of the first American owned dyestuff plants in Ashland, Mass., and acted as treasurer until his death.

Surviving are his wife and a son.

Pellegrino Bonfiglio, retired soap and olive oil manufacturer, Los Angeles, Calif., died September 12. He was seventy-four years of age.

Joseph F. Buckley, executive assistant to J. Edward Jones, oil producer in New York, died in Yonkers, N. Y., September 14. He was sixty years of age.

E. E. Newhouse, dean of the fertilizer industry in Arkansas and owner of the Newhouse Chemical Company and manager of the Arkansas Fertilizer Company, died recently.

William H. Rollinson, former president of the A. T. Baker Company and the William H. Rollinson Mills Company, New Jersey textile manufacturing enterprises, died September 18 in his home in Colonia, N. J.

Transportation Problems Report Completed

The transportation Board of Investigation and Research, created under the transportation act of 1940 to study and make recommendations concerning transportation problems, completed its work September 18 in accordance with the provisions of that act, and transmitted to the President and Congress more than a dozen reports on various phases of its work.

Reports submitted include the board's final report on the relative economy and fitness of the carriers, embracing all its recommendations made in connection with its investigations to date, and giving summaries of its major studies. Other reports in the group include:—

Public aids to domestic carriers; carrier taxation; interstate trade barriers affecting motor vehicle transportation; railroad consolidation and employee welfare; the national traffic pattern; carload traffic study, 1939; the economics of coal traffic flow; economics of iron and steel transportation; comparisons of rail, motor, and water carrier costs; technological trends in transportation, including postwar capital requirements of the carriers; practices and procedures of governmental control of transportation; and federal regulatory restrictions upon motor and water carriers.

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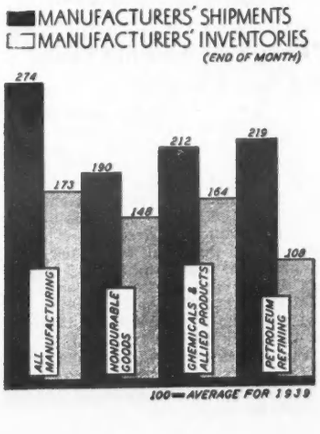
Burlap Imports Resumption Urged

A recommendation that the War Production Board approve early resumption of private importations of burlap from India and other exporting countries was made at a recent meeting of the Burlap Importing and Bag Manufacturing Industry Advisory Committee, WPB has reported. The importation problem will be fully investigated jointly by WPB and the bag manufacturing industry, and a report submitted at the next meeting of the committee, November 15. It was also stated that the fourth quarter allocations totaled 122,000,000 yards, of which bag manufacturers would be permitted to receive not more than 35 percent lightweights and not more than 35 percent heavyweights. This means that in order to fully utilize their allocations, bag manufacturers will be required to accept 30 percent in 40-inch 10½-oz. size.

Business in July



Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

DuPont Names Kinsman And Kirk to New Posts

The retirement of William Richter as general manager of the fabrics and finishes department and the appointment of J. Warren Kinsman as his successor, effective October 1, have been announced by E. I. du Pont de Nemours & Co., Wilmington, Del. Dr. William Kirk, manager of the Chambers works at Deepwater Point, N. J., will succeed Mr. Kinsman, who until now has been assistant general manager of the company's organic chemicals department.

Dr. William Kirk

Mr. Richter's retirement from active duty with the company, occasioned by reasons of health, will become effective November 1. He has completed nearly forty years service with the company, and has headed the fabrics and finishes department since 1927. He will retain his membership on the board of directors, to which he was elected in 1930.

Mr. Kinsman, who is forty-nine, is a native of Elizabeth, N. J. He was educated at Weslyan University and Columbia. His career with the Du Pont company has included service in many of its departments and divisions. He first came with the company in 1915 in the Explosives Department at the Bayway, N. J., plant.

Dr. William Kirk, who now moves into the assistant general managership of the organic chemicals department, has managed the Deepwater Point, N. J., plant of that department since 1941. He has been engaged in dyestuffs research and manufacture at that location since 1918. He joined the du Pont Company as a research chemist in the explosives department's Eastern laboratory at Gibbstown, N. J., in 1916.

Niagara Sprayer Acquires Coastal Chemical in Texas

Coastal Chemical Company, manufacturer and distributor of agricultural insecticides and fungicides, Harlingen, Tex., has been taken over by the Niagara Sprayer & Chemical Co., Middleport, N. Y.

Niagara Sprayer & Chemical Company, a subsidiary of Food Machinery Corporation, San Jose, Calif., will have the operation and management of the Coastal Chemical Company plant and business, and will merge these operations with its own. Extensions and modernization of the present Coastal Chemical Company plant are in the process of being made by the new management.

N.P.V.L.A. to Discuss Postwar Plans

"After War—What?" will be the general theme of the 1944 "convention-at-home" of the National Paint, Varnish and Lacquer Association to be conducted by mail, October 25-27, in lieu of the customary regular convention which was cancelled on account of wartime transportation and hotel conditions, as was also done in 1943 and 1942.

Bottles Offered by WPB

The New York Redistribution Unit of the War Production Board, Empire State building, has available the following bottles to sell:—38,000—12-ounce—amber-colored—with No. 28 plastic caps.

Some of the long-sought answers to questions which have been in the minds of many a business leader concerning the plans and policies of UNRRA—how far it intends to go in the rehabilitation of the industries of Europe and China and at what ultimate cost to the participating nations—are at last coming to light.

From statements of officials and reports of the agency it appears that a policy of extreme conservatism is to be followed, in contrast with the impression first gained that the organization would amount to an international WPA. Donations are to be kept to an absolute minimum and when a government can pay for its needs it will be expected to pay. Aside from Greece—possibly Poland and Yugoslavia—all other overrun countries of Europe are believed to be in position to purchase their needs and will be expected to do so.

As to rehabilitation work, UNRRA has no intention of resurrecting leveled cities or rebuilding demolished industries. Repair parts and machinery will be provided for factories not wholly destroyed, but no plants will be rebuilt from the ground up; no new industries will be established.

UNRRA's policy is to help the people to help themselves. When the economic life of the liberated countries has begun to move, that is when the people can produce and transport supplies for their elemental needs, UNRRA's job will be done.

Warwork Residues

With the cutback of production, the government will be faced with the problem of disposing of termination inventories consisting of raw material, work-in-process, and some production equipment. When one stops to consider the tens of thousands of items being produced for the government today, it is easy to realize the disposal problem to be met when these items are listed on termination inventories.

It would be well for every contractor to give some thought to the inventory he will have when the cutback comes and what use he could make of what in his own plant. Doubtless large quantities of raw material can be retained by contractors. In many instances, the work-in-process can be diverted to another use. The smaller the inventory the easier the settlement. Also, small inventories decrease the disposal problem. Contractors should understand that, with the permission of the contracting officer, they may retain all or part of their inventory or sell it to others.

Tung Oil Overpriced

Charles Concannon, chief of the Chemicals Unit of the Bureau of Foreign and Domestic Commerce, entertains some grave misgivings over the future of the domestic tung oil industry unless producers get around to a price that more nearly represents the intrinsic value of their product—something between 25c. to 30c. a pound, he says. The price is now between 36c. and 40c. a pound.

In his estimation, the price now being charged for the oil is way out of line in comparison with other drying oils and if it continues it is going to destroy the use of tung oil in the paint industry. It's up to the industry to decide whether it wants to make a small profit on a large volume of orders or a large profit on a small volume. For his part, Mr. Concannon believes the former is better in the long run; for it assures the industry a place in the sun when things settle down again.

Glass Containers Easing

Some good news comes out of WPB for the cosmetic industry and other large users of glass containers who have been hit hard by diversion of their container supplies to other users. Officials say that it is almost certain that the enduse restrictions on containers and their closures can be removed as soon as Germany collapses.

However, in the case of tin for closures, the future does not look so bright. It doesn't appear that there will be enough tin for all-out production of closures, even with the end of the European war, and users will have to continue to get along with substitutes until there is an improvement in the supply picture.

Storing Surpluses

Clearance of contractors' plants will unquestionably be an enormous task when need for war products ceases and contracts are terminated. However, plants can be cleared if industry is willing to pitch in and help the government solve the major problems, such as preparing property for shipment, preparing adequate inventories, and assisting in disposal and storage. The sixty-day plant clearance will depend largely upon contractors' efforts to have property ready for removal.

Storage is one problem in particular that contractors should be thinking of now. Although the government has set up a space control committee whose sole purpose is securing and cataloging available storage space, it must prevail upon contractors to store their unsold inventories.

Some of the inventory will require heated warehouses; other categories will demand only covered storage; and some will get along with open storage. Therefore, the contractor should begin looking around now for that portion of his plant which could be utilized for storage and if possible enter into a storage agreement with the government. All planning on the part of the contractor should include how he intends to meet the storage problem.

Tariff Reform Proposed

Representative Earl R. Lewis of Ohio has just introduced in the house a couple of bills that bear importantly on the powers of the President under the reciprocal trade agreements act and on the policy of computing tariffs due on articles imported into the United States. One bill (H. R. 5369) proposes that all customs duties be based on United States value. His other bill (H. R. 5366) would withdraw from the President power to decrease existing rates of duties or to transfer any article from the dutiable to the free list in the negotiation of trade agreements.

There isn't much chance of either bill's advancing beyond the introduction stage this year. Congress has no intention of doing anything more than the most essential work before it dies automatically next January and certainly has no idea of opening up the tariff question at this late date.

Farm Life No Sinecure

The Department of Agriculture has launched a campaign to discourage the rather widespread belief that, when war ends, the millions of returning war veterans and jobless war workers can find a place of refuge on farms. Experts believe that the number of workers needed on farms to supply the nation with food will be less than before we entered the war. The reason for this is that the farmer has learned, during the war, how to produce more with less labor, and he isn't likely to give up this practice after the war.

So keenly do the experts feel on this subject that they have prepared a booklet on farming for war veterans which gives anything but encouragement to any ideas that they might have of becoming gentlemen farmers. The booklet gives the veterans some plain facts about real farming, and the pitfalls they face who do not have the personal qualifications or the resources necessary for success. It concludes with the warning that "farm life means hard work and, usually, low cash incomes."

Burt Socony Vice-Pres.

Wilbur F. Burt, chairman of the manufacturing committee of Socony-Vacuum Oil Company since 1935, has been elected a vice-president and a member of the executive committee.

Boeschenstein Named Deputy to Batcheller

OPD Washington Bureau

Harold Boeschenstein, Toledo, Ohio, has been appointed deputy vice-chairman for operations of the War Production Board, succeeding Wade T. Childres, St. Louis. Acting WPB Chairman J. A. Krug said the appointment becomes effective October 1.

Harold Boeschenstein

Mr. Boeschenstein has been with WPB since November, 1942. He was appointed director of the Controlled Materials Plan Division in December of that year, and became director of the Production Controls Bureau April 29, 1943. He was also designated acting director of the Forest Products Bureau in August, 1943, and since that time has directed both WPB bureaus. In his new position as deputy vice-chairman he will assist Hiland C. Batcheller, the recently appointed operations vice-chairman.

Mr. Boeschenstein is on leave of absence as president of the Owens-Corning Fiberglas Corporation, Toledo.

Textile Bags Supply Seen Adequate

The supply of textile bags was discussed at two recent meetings of the New Textile Bag Manufacturers and Secondhand Bag Dealers Industry Advisory Committees, the War Production Board has reported. Manufacturers of textile bags are the largest users of scarce burlap and the second largest users of relatively scarce cotton cloth.

Committee members and government representatives expressed belief that the fourth-quarter supply of textile bags would be adequate to meet all demands, but some concern was expressed for the first quarter of 1945. Further measures must be taken to increase bagging output and obtain the greatest use from the existing secondhand bag supply, WPB and the committee agreed.

Paper Sacks Control Continuance Favored

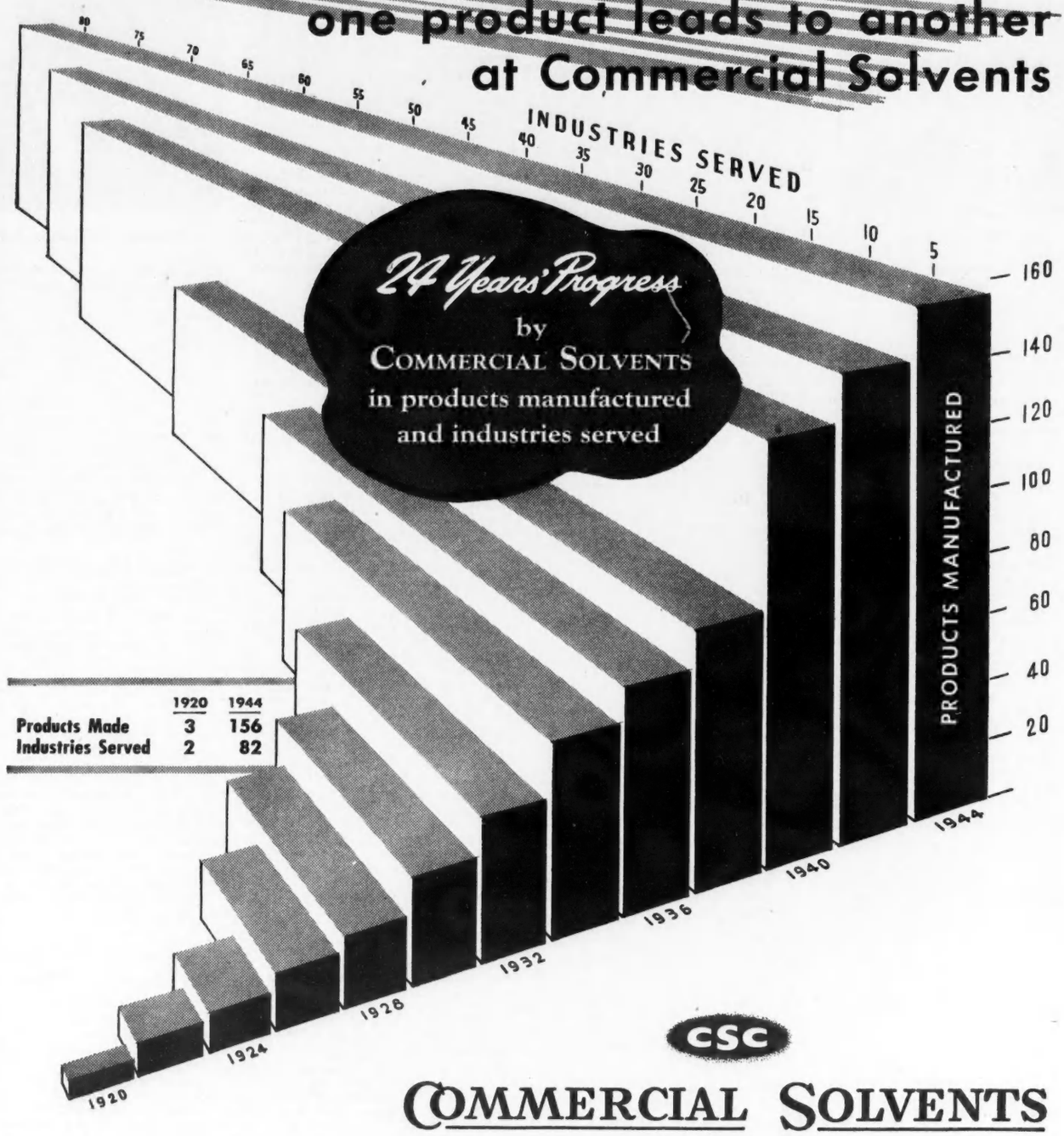
The Paper Shipping Sack Industry Advisory Committee has recommended that the War Production Board postpone any relaxation of limitation order L-279, controlling the use of paper shipping sacks, until it is assured that all military requirements will first be filled, WPB has reported.

The possibility of revoking or modifying List B, which controls the use of asphalted, paraffined and moisture-proof paper, will be considered as soon as the Army's requirements are assured, or as soon as the supply of these types of paper to make sacks for packaging hydroscropic, chemically reactive or moist products, is adequate to meet all requirements, WPB said.

J.B. Campbell Succeeds Murphy in WPB Setup

John B. Campbell has been made Deputy Vice-Chairman for Production by Hiland G. Batcheller, Operations Vice-Chairman of the War Production Board. Mr. Campbell succeeds William B. Murphy, who has resigned to return to the Campbell Soup Company, Camden, N. J.

GROWTH ... showing how one product leads to another at Commercial Solvents


INDUSTRIES SERVED
80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5
24 Years' Progress
by
COMMERCIAL SOLVENTS
in products manufactured
and industries served
PRODUCTS MANUFACTURED
160 140 120 100 80 60 40 20
1920 1924 1928 1932 1936 1940 1944
1920 1944
Products Made 3 156
Industries Served 2 82

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Chemical Allocations for September

OPD Washington Bureau

The War Production Board has made public the distribution of chemicals for civilian use in September under allocation orders of the Chemicals Bureau. This was the twenty-fourth in a series of monthly reports. Allocations follow:—

Acetaldehyde.—Non-military allocations granted 100 percent of requests were as follows:—Synthetic resins, 601,000 pounds; acetic acid, 14,682,000 pounds; butyl compounds, 5,914,200 pounds; ethyl compounds were granted 99 percent, 2,228,000 pounds; alcohol denaturants and aldol, 97 percent, 397,000 pounds. All others were granted 91 percent or 360,200 pounds.

Acetic Acid.—Requests for textile processing were allocated, 924,341 pounds; all others, 869,247 pounds; isobutyl acetate and OEW were denied. The following uses were allocated 100 percent of requests:—Drugs and pharmaceuticals; paint pigments; photographic; metallic acetates; vinyl acetate; acetic anhydride; sodium acetate; ethylacetate; amyl acetate; butyl acetate; isopropyl acetate; cellulose acetate; research laboratory reagents; miscellaneous acetates; butadiene; chloracetic acid; nylon salt; neoprene.

Acetic Anhydride. — Requests for cellulose acetate yarn allocated, 21,048,402 pounds; cellulose acetate staple fiber, 4,605,661 pounds, and intermediates and textile dyes, 41,200 pounds. The following requests were allocated in full:—Cellulose acetate plastics and fiber; cellulose acetobutyrate; cellulose acetopropionate; synthetic casein fiber; vinyl polymers, triacetin and diacetin; aspirin; acetanilid; acetophenetidin; other pharmaceuticals; perfume bases and synthetic flavoring; laboratory reagents and research.

Acetone.—Requests for acetone for civilian uses for September were allocated as follows:—Drugs, 940,000 pounds; lacquers and thinners, 129,000 pounds; plastics, 56,000 pounds; rayon, 3,394,000 pounds; shoe adhesives, 228,000 pounds; all others, 65,000 pounds.

Acetylene Black.—Requests for acetylene black for railroad lantern batteries and hearing aid batteries were allowed 100 percent. Requests for printing inks were denied.

Acrylic Resins.—Non-military allocations for acrylic resin and acrylic monomer for September were as follows:—Emulsions, 100 percent as requested, for finishing shoe leathers and public transportation upholstery leather; solutions, 100 as requested, for shoe adhesives; sheet, 100 percent as requested, for commercial aircraft glazing and instrument lenses; rod and tube, 100 percent as requested, for industrial instrument parts; monomer, 100 percent as requested, for dentures and medicinals; polymer, 100 percent as requested, for shoe adhesives, dentures, and stop-off lacquers; molding powder, 100 as requested, for pessaries, dentures, hearing-aid parts, lenses for safety lights, replacement parts for trucks, telephone parts, automotive light lenses, electro-plating insulation. The following end uses were denied in full:—Combs; compacts; dresser sets; flashlight lenses; pocketbook frames; rouge containers; lighting fixtures; buttons; coatings for brewery tanks; shaving brushes; and coatings for garment and glove leather.

Acrylonitrile.—Allocated in full for textiles and leather finishes, controlled by Order M-300-17, as well as pharmaceuticals and experimental.

Adipic Acid.—Due to greatly increased demands for sealing compounds for fuel tanks, the requirements were substantially higher in September. By arrangement with the Textile Branch, sufficient additional quantities of adipic acid were made available to meet military requirements. Non-military requests were chiefly for sealing compounds, coatings for fabrics, insulating resins and rubber plasticizers. These uses were allowed 60 percent.

Alkanolamines. — Diethanolamine: All civilian requests were denied. Monoethanolamine: The total civilian requests were allowed 20 percent with the exception of a few single drums allowed for unique uses and research. *Diethylethanolamine*: All civilian requests were granted in full.

Allyl Alcohol.—All civilian requests were allowed in full.

Allyl Chloride.—All civilian requests were allowed in full.

Aluminum Chloride, Anhydrous.—All requests were granted in full.

Ammonia, Anhydrous.—Granted 100 percent for industrial uses.

Ammonia, Aqua.—Granted 100 percent for industrial uses.

Ammonium Silicofluoride.—Requests for the metal casting industry were allocated in full, with slight inventory adjustments. About 35 percent of the requests for other uses, primarily for "laundry sour," were granted.

Ammonium Sulphate.—Granted 100 percent for industrial uses.

Anilin Oil.—Due to drastic retailment of benzene during August and September it was necessary to make significant cuts in the usage of aniline and to use substantial quantities for inventory. The following is a partial list of quantities allocated: rubber chemicals, 3,034,000 pounds; dyestuff, inks and pigments, 1,400,000 pounds; petroleum additives, 202,000 pounds; photographic chemicals, 187,000 pounds; resins and plastics, 94,000 pounds; drugs and pharmaceuticals, 72,500 pounds.

Anilin Salt.—After September aniline salt will not be allocated. For the month of September requests are much smaller than usual, due chiefly to manpower difficulties and to a falling off of export orders. About 75 percent of requests were allowed for September, chiefly for fur dyeing and textile printing.

Arsenic.—Quarterly allocation.

Ascorbic Acid.—Total civilian medicinal requests were granted 85.6 percent.

Barium Chemicals.—Barium chloride and barium carbonate allocations recommended in full on requests approximating 1943 consumption on monthly average. Situation easing, but carload requests continue to upset supply and requirements balance.

Benzaldehyde.—Technical grade: All non-military requests denied. NF grade: All requests granted 100 percent.

Benzene.—Data not available at time this report was prepared.

Bismuth Chemicals.—All civilian requests granted in full—medicinal use, 64,781 pounds; industrial uses, 300 pounds; cosmetics, 125 pounds.

Butyl Acetate, Normal.—Because of the critical nature of this material, no civilian end uses were allocated in full. The following civilian end uses were allowed in part: arms, weapons, ammunition, aircraft, electrical and communication equipment, containers, packages and accessories, 219,777 pounds; industrial machinery, equipment and tools, health safety and scientific equipment, photographic material and equipment, printing inks, printing, publishing and engraving accessories, 124,332 pounds; public transportation, ambulances and new trucks, 99,355 pounds; laundry equipment and accessories, refrigerators and coolers, hardware, locks, heating equipment plumbing, baby carriages, clocks, buttons and buckles, and map anl chart covers and holders, 29,783 pounds. No other civilian end uses allowed.

Butyl Acetate, Secondary.—For protective coatings. Because of the critical nature of this material, no civilian end uses were allocated in full. The following essential civilian end uses were allowed 75 percent: arms, weapons, ammunition, aircraft, electrical and communication equipment, containers, packages and accessories. No other civilian end uses were allowed.

Butyl Alcohol, Normal. — The following essential civilian requests were granted in September: hydraulic brake fluids, 50 percent, 122,610 pounds; butyl derivatives, 95 percent, 42,000 pounds; cellulose acetate sheets, 50 percent, 61,125 pounds; photographic and reproduction products, 100 percent, 27,500 pounds. Because of the critical nature of this material, no civilian protective coatings were allocated in full. The following essential civilian protective coatings were allowed in part:—Arms, weapons, ammunition, aircraft, electrical and communication equipment, containers, packages and accessories. 115,208 pounds; industrial machinery, equipment, and tools, health, safety and scientific equipment, photographic material and equipment, printing inks, printing, publishing and engraving accessories, 53,213 pounds; public transportation, ambulances and new trucks, 37,535 pounds; laundry equipment and accessories, refrigerators and coolers, hardware, lock, heating equipment, plumbing, baby carriages, clocks, buttons and buckles, and map and chart covers and holders, 14,115 pounds. No other civilian end uses were allowed.

Butyl Alcohol, Secondary.—For protective coatings. Because of the critical nature of this material, no civilian end uses were allocated in full. The following civilian end uses were allowed in part:—Arms, weapons, ammunition, aircraft, electrical and communication equipment, containers, packages and accessories were allowed 75 percent. Industrial machinery, equipment and tools, health, safety and scientific equipment, photographic material and equipment, printing inks, printing, publishing and engraving accessories were allowed 45 percent. Public transportation, ambulances and new trucks were allowed 33 percent. Laundry equipment and accessories, refrigerators and coolers, hardware, lock, heating equipment, plumbing, baby carriages, clocks, buttons and buckles, and map and chart covers and holders were allowed 25 percent. No other civilian end uses allowed.

Caffeine.—Allocated in full for medicinal use; requests granted in part for beverage use, 110 percent of average monthly 1941 consumption, allocated partly from domestic production and the remainder from stocks of imported material.

Calcium Carbide.—All requests allocated in full for September.

Calcium Hypochlorite, High Test.—Data not available at time this report was prepared.

Carbon Tetrachloride. — The supply was adequate to take care of the essential requirements and approximately 700,000 pounds were released for dry-cleaning purposes through OCR.

Cellulose Acetate Flake.—Requests for cellulose acetate flake to be used in the manufacture of yarn and staple fiber were met in full. Photographic film allocation was in accordance with Limitation Order L-233. Due to short supply at one producer's plant, civilian lacquer uses were curtailed. Allocations for cellulose acetate flake for plastics were sufficient to meet the plastics allocations under M-326-a and M-326-b, although curtailment of use under these orders was necessary due to short supply.

Cellulose Acetate Butyrate Flake.—A small amount of acetate butyrate flake was allocated for a special coating for civilian adhesives. Some flake will reach civilian uses indirectly, subject to the allocation of cellulose acetate butyrate plastics (M-326-a and M-326-b), and to the provisions of L-233 on photographic film.

Cellulose Acetate Propionate Flake.—No cellulose acetate propionate flake was allocated to civilian protective coating uses. Some flake will reach civilian uses indirectly, subject to limitations imposed by L-233 on photographic film.

Cellulose Ester Sheets, Rods, Tubes and Molding Powder.—Cellulose acetate and cellulose acetate butyrate molding powder: 552,027 pounds allocated for such civilian items as electrical and communication equipment, industrial equipment, plumbing supplies, extruded edging, farm and dairy supplies, health and sanitation, toothbrushes, industrial tubing, irrigation tubing, industrial goggles, optical frames, identification badges, bookbinding, auto replacement parts, office machine parts, hardware; 3,701,422 pounds allocated for such civilian items as sunglasses, office equipment, closures, buttons, buckles and garment fittings, combs, brush handles, dresser sets, mirror or picture frames, religious items, cosmetic packaging, other packaging, household and kitchenware, jewelry, smoking accessories, toys, miscellaneous; 788,705 pounds of excess scrap molding powder was included in the above figures. After all military demands were satisfied, the allocations were based on individual producer's capacities. Requests of comparable essentiality were bracketed into one allocation which allowed the molder to use that allocation as he wished for any use within that bracket. Cellulose acetate sheeting allocated to civilian end-uses as follows:—Clothing, 2,404 pounds; electrical parts, 7,252 pounds; food, 2,190 pounds; farm and dairy, 160 pounds; health, 5,826 pounds; identification badges, 6,212 pounds; industrial tools, 3,143 pounds; office accessories, 5,346 pounds; photo and printing, 58,104 pounds; safety glass, 647 pounds; respirators, gas masks and safety goggles, 41,537 pounds; telephone and communication, 200 pounds; transportation, 874 pounds. Due to the critical supply situation on phthalate plasticizers, material for civilian uses must be made with substitute plasticizers. Due to the large military demand for sheeting under .003 inches, none of this material was allocated for civilian use. A quantity of reject and scrap material has been allowed for end-uses with the essentiality below the pattern for first-grade material.

Charcoal.—Producers' estimates indicate a normal production of charcoal during September. Two of the smaller Pennsylvania plants, which closed down due to labor and wood shortage in July, will remain down during September. It is expected that at least one of these plants will resume operations next month. This loss of production is offset by increased production in one of the Tennessee plants. Production in Ohio kiln plants will be reduced in September, due to their principal outlet being overstocked. A normal operation in that district is expected again in October. The requirements of all war and other essential industries have been provided for 100 percent and in addition, about 4,000 tons will be made available for civilian use.

Chemical Cotton Pulp.—Non-military allocations for September were 100 percent of requests, for high tenacity rayon, ethyl cellulose and cellulose nitrate for explosives. Requests for cellulose acetate were cut from 100 percent in August to 88 percent due to a small excess in manufacturers' stocks. Meat casings were denied.

Chrome Chemicals.—Tanning: September allocations were made on the same basis as in August when civilian needs were met on the basis of April consumption and tanneries having a high percentage of military production were allocated proportionately more depending on importance of military use as determined in conjunction with Textile, Clothing and Leather Bureau. Supply still insufficient for all soakings permissible. Pigments: Allotments consistent with requirements of order M-370. Metal Treating and Plating: Minimum operating requirements for aircraft manufacture and similar uses were supplied. It should be noted that current supplies of chromic acid are insufficient to maintain existing plating and anodizing equipment in operation. Therefore, it is most desirable to ascertain whether or not chromic acid will be allocated for new equipment before it is installed, because in several instances new equipment has remained idle for lack of chromic acid. Textiles: Civilian requirements were supplied in varying percentages depending upon essentiality of end product. Woolens and work clothes were granted 80 percent and others slightly less. Chemical Manufacture: Requirements for chemicals going for military use were met in full. Civilian allotments continue on a reduced basis as follows: dyestuffs 70 percent; reagents 100 percent; match manufacturing 100 percent; benzaldehyde 75 percent; glue 100 percent; heliotropine 25 percent; wood preservatives 60 percent; flotation reagents 100 percent; cellulose esters 100 percent; pharmaceuticals requiring sodium bichromate 100 percent; pharmaceuticals requiring chromic acid granted percentages depending on importance of end product as determined in conjunction with Drugs and Pharmaceuticals Section. Metallurgical: Requirements for manufacture of chrome alloys met in full. Corrosion Prevention: Essential requirements met in full. Sodium or potassium bichromate were substituted for sodium chromate wherever possible.

Chrome Pigments.—Allocations of Class B pigments, which include chromium oxide green and zinc chromate, were made only to those essential military uses specifying the use of these pigments and where adequate substitutes were not available. Sufficient Class A pigments were available to most quota orders and exempt orders as defined in M-370, but no additional quantities were allowed for extra quota Class A requests.

Cinchona Alkaloids. — Quinidine:—Approximately a 30-day supply was released to distributors and on consumer applications for use in treating cardiac disorders. Totaquine:—Medicinal only—100 percent for dosage forms; 100 percent for compounds; 100 percent for small order deliveries. Quinine:—Small amounts were released for ampul medication in the treatment of malaria. Cinchonine:—Small amounts were released for industrial use as laboratory agent in tungsten analysis. Cinchonidine:—One request for use in penicillin research and three requests for small order deliveries were approved.

Coaltar.—Permission granted for use of crude coal tar (under Order M-297) as substitute for fuel oil where the latter is not available; where relief is required for disposition of tar; and where crude tar is essential for specific purposes. Approximately 10 million gallons of crude coal tar is currently being burned monthly.

Cresols and Cresylic Acid.—Allocations for the month of September were as follows, with adjustments made for inventories; other variations due to specific grades involved:—*Orthocresol* (domestic); Allocated for plastics; agricultural insecticides; chemical manufacturing. Denied for coumarin manufacturing. *Domestic Metaparacresol* and *Cresylic Acid:*—Allocated for tricresyl phosphate; ore flotation; plastics 45 percent; medicinals: preservatives; miscellaneous uses. Denied for textile agents; cleaning compounds; U.S.P. cresol and cresylic disinfectants; carbon remover; and all other civilian uses. *Im-*

—Continued on page 34

To Users of ISOPROPYL ALCOHOL

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To Give Your Product TOP CONSUMER PRIORITY You Need **IA No. 1**

● Out of the MM&R research laboratory has come the perfect solution for overcoming the characteristic odor of Isopropyl Alcohol. The answer is NEUTRALIZER IA No. 1 MM&R! Specifically designed to depress and neutralize the objectionable odor of Isopropanol without distortion of subsequent additions of perfuming ingredients.

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Current Market Quotations Chemicals and Related Materials

September 22, 1944

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

All matters under this heading fully protected by copyright.

A

Acacia (see Gum, Arabic).

Acetaldehyde,[4,6] 99%, dms., 55 and 110 gals., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —

Acetaldol (see Aldol).

Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70

tech., fib., dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50

Acetanilide, tech., cryst., bbls..lb. .29 - .31
powd., bbls.....lb. .27 - .29

USP, cryst., bbls.....lb. .36 - .37
dms.....lb. .42 - —
kgs.....lb. .37 - .38
powd., bbls.....lb. .34 - .35
dms.....lb. .38 - .40
kgs.....lb. .35 - .36

Acetoacetanilide, bbls., dms....lb. .49 - .67

Acetone, CP,[1,6] dms., c.l., dlvd. E.*..lb. .08 - —
l.c.l., dlvd. E.*.....lb. .08½ - —
tanks, dlvd. E.*.....lb. .07 - —

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* OPA ceiling for East; Western ceiling, ½c. per lb. higher.

Methyl (see M).

Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works..lb. .90 - —

Acetophenetidin, bbls., kgs., 1,000-lb. lots..lb. 1.00 - —
dms.....lb. 1.08 - 1.10

Acetophenone, cns., dms.....lb. 1.55 - 1.60

Acetyl chloride, cbys., works..lb. .60 - —

Acid, abietic, dms., c.l., wks...lb. .07½- —

Acetic,[1,6] com'l or redist., 28% bbls..100 lbs. 3.38 - 3.63
56%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, nat'l, bbls.....100 lbs. 9.15 - 9.40
glacial, 99.5%, nat'l, bbls. 100 lbs. 9.15 - 9.40
tanks, works....100 lbs. 6.93 - 7.25
synth., bbls., works.... 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, cbys.....100 lbs.11.70 - —
dms., works.....100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic, anhydride,[6] (see Acetic anhydride).

Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots, same basis..lb. .46 - .59

Standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis. lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic, fib. dms., works.....lb. .31 - —

Aminoacetic, USP (see Glycine).

Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —

Arsenous,[6] tech. (see Arsenic, White).
USP, powd., dms., kgs.....lb. .20 - .22

Ascorbic,[1,6] USP, dms., 500-kilo lots..kilo.24.50 - —
50-kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.35 - —
2½-kilo lots.....kilo.25.70 - —
1-kilo lots.....kilo.26.41 - —
bots. 500-gram.....kilo.27.47 - —

Battery, cbys., c.l., E. works. 100 lbs. 1.60 - —
10-25, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —

Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up....lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60

Betaoxynaphthoic, bbls. works. lb. .95 - —

Boric,[3] tech., 99.5% cryst., (same as prices for powder), gran., bgs., c.l., frt. alld.. ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton.95.50 - —
powd., bgs., c.l., frt. alld., ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld...ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —

USP $25 per ton higher.

Butyric, 99%, dms., c.l., works. lb. .29 - —
l.c.l., same basis.....lb. .30 - —

Broeners, bbls.....lb. 1.11 - —

Cacodylic, 5-lb. bots.....lb.22.00 - —

Acid, camphoric, cns.....lb. 6.95 - 7.00
Capric, tech., ret. dms.....lb. .21½ - .22
Caprylic, tech., ret. dms.....lb. .27 - .27½
Castor oil,[6] split, ret. dms...lb. .20¾- .21¼
Chlorosulphonic, dms., c.l., wks., lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic,[6] 99½-99¾%, dms., c.l., lb. .16¼- —
l.c.l. .....lb. .16¾- .18¼
Cinnamic, refd, bots.....lb. 3.50 Nom.
Citric,[1,6] anhyd., gran., dms., c.l.lb. .22½- —
10,000 lbs., 1 ship't...lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs. .....lb. .24 - —
cryst., gran., bbls., c.l....lb. .20 - —
10,000 lbs., 1 ship't...lb. .20¼- —
smaller lots.....lb. .23 - .24
kgs.....lb. .21½- —
Powd. citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1,5] dist., dms....lb. .15½- .17½
Corn oil, s.d., dms., c.l., works, lb. .12 - —
Cottonseed oil,[1,5] s.d., dms., c.l..lb. .12 - —
tanks, dlvd.....lb. .14¼- —
Cresylic,[3,6] (coaltar), high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks .....gal. .75 - —
(Petroleum), heavy grade (247°-298°), 20 dms., Cal. ref..gal. .490 - —
Sewaren, N. J., ref..gal. .616 - —
1-19 dms., Cal., ref....gal. .510 - —
Sewaren, N. J., reg..gal. .630 - —
tanks, dlvd. ....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), 20 dms., Cal. ref..gal. .550 - —
Sewaren, N. J., ref.gal. .636 - —
1-19 dms., Cal. ref....gal. .570 - —
Sewaren, N. J., ref..gal. .696 - —
tanks, dlvd.....gal. .646 - —
Diethylbarbituric (see Barbital).
F (see Acid, Monosulphonic).
Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l. .....lb. .11 - .11½
Fumaric, tech., bbls., dms...lb. .27 - .31
Gallic, NF VII, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.13
Gamma, bbls.....lb. .85 - —
Gluconic, bbls., 500 lbs.....lb. .12 - —
dmjn.....lb. .21 - .23
kgs., 100 lbs.....lb. .14 - .15
Glutamic hydrochloric, dms..lb. 2.00 - 2.40
Glycolic (see Hydroxyacetic).
H, bbls.....lb. .45 - —
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57% bots.....lb. 2.90 - —
Hydrobromic, conc., cbys....lb. .25 - —
dil., cbys.....lb. .20 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works....lb. .80 - 1.00
Hydrofluoric, anhyd.,[6] cyls., works..lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½- —
60%, rubber dms., works...lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return., Phila...lb. .084 - —
tanks, works, basic acid content..lb. .08½- —
Hypophosphorous, USP, djns., lb. .75 - .80
Lactic,[6] edible, 50%, cbys., 20 or more..lb. .12½- —
5 to 19.....lb. .13 - —
1 to 4.....lb. .13½- —
80%, bbls., cbys., 5 or more.. lb. .24½- —
1 to 4.....lb. .24¾- —
plastic grade, bbls., cbys., 20 or more..lb. .14½- —
5 to 10 cbys.....lb. .14¾- —
1 to 4 cbys.....lb. .15¼- —
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works.... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XI, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55
Lauric, dist., tech., dms....lb. .20 - .20½
Laurent's, bbls.....lb. .45 - —
Linseed oil,[3] light, dms....lb. .21½- .22
Maleic,[6] powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —
Malic, powd., kgs.....lb. .47 - —
Mandelic, dms., 1,000-lb. lots.lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric, unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., 85%, bbls..lb. .17 - —
purified, bbls.....lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24 works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
Acid, muriatic, 20°, cbys., c.l., E. works..100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys..lb. .08 - —
6-lb. bots.....lb. .19 - —
dealers, cbys.....lb. .06½- —
6-lb. bots.....lb. .17½- —
Myristic, dist., dms.....lb. No stocks
Naphthenic,[6] 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms. extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic,[6] dms., 50-kilo lots up, kilo. 7.00 - —
10-kilo lots.....kilo. 7.10 - —
2½-kilo lots.....kilo. 7.20 - —
1-kilo lots.....kilo. 7.30 - —
Nicotinic amide (see Nicotinamide).
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25, E. works.100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys..lb. .13 - —
7-lb. bots.....lb. .23 - —
dealers, cbys.....lb. .11¼- —
7-lb. bots.....lb. .21½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11½- —
smaller lots.....lb. .12½- —
Palm oil,[6] white, dist., dms..lb. No stocks
tanks .....lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls., f.o.b. works..lb. .80 - —
Peanut oil,[1] s.d., tanks, dlvd., lb. .11¼- —
Phenylacetic, bots.....lb. 1.85 - 3.00
Phosphoric,[6] pure food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., works, frt. equald, 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, works, frt. alld..100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.25 - 7.25
tankwagon, dlvd. N. Y., Phila., Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., works, frt. equald, 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, works, frt. alld..100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.50
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10¼- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
25 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
10% dilut., cbys., djns....lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, 55-gal., dms., works..lb. .19½- —
tanks, works.....lb. .18¼- —
Pyrogallic, tech., bbls.....lb. 1.45 - —
cns. .....lb. 1.63 - —
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, bbls., dlvd. E..gal. .30 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l....lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .26 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., works..lb. .55 - .57
Soybean oil,[1,6] s.d., dms.....lb. .16¼- .16¾
tanks, works.....lb. .11 - —
Stearic,[1,5] double-press, bgs..lb. .15¾- .16¾
single press, bgs.....lb. .15¾- .16¾
triple press, bgs.....lb. .19¾- .19¾
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works..lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 up, works..100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works..... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, consumers, cbys..lb. .68 - —
9-lb. bots.....lb. .17 - —
dealers, cbys.....lb. .06¼- —
9-lb. bots.....lb. .15¼- —
fuming, 20%, tanks, E. works. ton.19.50 - —
Tannic, tech., bbls., dms....lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs..lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs.....lb. 1.13 - —
smaller lots.....lb. 1.15 - —
Tartaric, USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70½- —
smaller lots.....lb. .71 - —
kgs. .....lb. .71½- —
Tobiac, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. pkgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.40 - 1.45
Root, bls.....lb. 1.20 - 1.25
Acetic hydride,[6] dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —
Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —
Acrylonitrile,[6] dms., frt. alld..lb. .30½- —
5,000 lbs. or more, works..lb. .40 - —
1 ton to 4,999 lbs., works..lb. .40½- —
1 dm. to 1 ton, works.....lb. .41 - —
tankcars, frt. alld.....lb. .39 - —
Adeps lanae,[1,6] USP, anhyd., pharmaceutical, dms., l.c.l., works..lb. .30 - —
cosmetic, dms., l.c.l., works, lb. .31 - —
Adeps lanae prices for primary distributors, f.o.b. St. Louis, lc. higher.
Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1] powd.....lb. 1.91 - 1.99
granular, cryst.....lb. 1.86 - 1.94
tech., cryst., bbls.....lb. 1.55 - 1.65
Alcohol, allyl, dms., c.l., dlvd.lb. .29 - —
l.c.l., dlvd.....lb. .30 - —
Amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld. E. of Miss R..lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
Benzyl, cns.....lb. .63 - .75
dms. .....lb. .63 - —
Butyl, normal,[1,6] ferment, Ill., Ind., prod., dms., frt. alld. lb. .1980- —
l.c.l., frt. alld. E...lb. .2030- —
tanks, frt. alld. E....lb. .1880- —
other production, dms., c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E....lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E.....lb. .12¼- —
tanks, frt. alld. E.....lb. .10¾- —

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* Normal butyl alcohol prices West, ½c. per lb. higher.

secondary,[6] dms., c.l., frt. paid E. of Miss..lb. .091 - —
l.c.l., same basis.....lb. .096 - —
tanks, same basis.....lb. .085 - —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.80 - —
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 3.00 - —
Denatured,[1,6,4] CD14, dms., c.l., dlvd. E..gal. .54½- —
19, dms., works, E.....gal. .56½- —
1 to 18 dms., works, E..gal. .59¼- —
tanks, E., dlvd.....gal. .50 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., bbls., c.l., E. works..gal. .62 - —
19, bbls., E. works..gal. .64 - —
1 to 18 bbls., E. works, gal. .67 - —
tanks, E. works.....gal. .50 - —
Anhydrous 3c. per gal. higher.
SD2B, bbls., c.l., works., E.gal. .60 - —
19 bbls., works, E..gal. .62 - —
1 to 18 bbls., works, E. gal. .65 - —
tanks, E. works.....gal. .48 - —
SD23G (replaced by SD28H).
SD23H, works, c.l., bbls..gal. .61¼- —
19 bbls.....gal. .63¼- —
1 to 18 bbls.....gal. .66¼- —
tanks, E. works.....gal. .49¼- —
SD29, denatured, with acetaldehyde, bbls., c.l., E. works. gal. .62½- —
l.c.l., 19 or more, E. works..gal. .66 - —
1 to 18, E. works...gal. .69 - —
tanks, E. works.....gal. .50½- —
When any of the several SD29 denaturants is supplied by the puchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.
Special solvent, dms., c.l., works..gal. .55½- —
19 dms. to c.l.....gal. .57½- —
1 to 18 dms.....gal. .60¼- —
tanks, E. works.....gal. .51 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone,[6] acetone-free, dms., c.l., dlvd..lb. .11¼- .14½
l.c.l., dlvd.....lb. .11¾- .15
tanks, dlvd.....lb. .10½- .13¾
tech., dms., c.l., dlvd.....lb. .11 - .13½
l.c.l., dlvd.....lb. .11¼- .14
tanks, dlvd.....lb. .10 - .12½
Ethyl[6], 190 pf., dms., c.l...gal.17.64½- —
19 dms.....gal.17.68 - —
1 to 18 dms.....gal.17.71 - —
tanks .....gal.17.42 - —
absolute, dms., c.l.....gal.18.62 - —
18 dms.....gal.18.65½- —
1 to 17 dms.....gal.18.68½- —
Ethylhexyl, dms., c.l., wks..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., works.....lb. .23½- —
l.c.l., works.....lb. .25 - .35
tanks, works.....lb. .20 - —
Isoamyl (see Carbinol isobutyl).
Isobutyl,[6] refd., dms., works..lb. .0660- —
tanks, works.....lb. .0760- —
Isopropyl,[1,6] refd., 91%, dms., 5 gals., dlvd..gal. .66½- —
55 gals., c.l., dlvd....gal. .39 - —
l.c.l., dlvd.....gal. .43¼- —
tanks, frt. alld.....gal. .34 - —
99%, dms., 5 gals., dlvd.gal. .65 - —
55 gals., c.l., dlvd....gal. .44 - —
l.c.l., dlvd.....gal. .47 - —
tanks, frt. alld.....gal. .37½- —
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, bots., cns.....lb. 2.10 - 2.50
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis. lb. .60 - .63
Propyl, normal, dms., wks..gal. .67 - .76

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling

[2]—Price agreement (sellers with OPA)

[3]—General Limitation Order (L order)

[4]—General Preference Order (M order)

[5]—Conservation Order (M order)

[6]—Allocation

Alcohol, tetrahydrofurfuryl, dms., c.l., Waverly, N. Y..lb. .46 - —
smaller lots, same basis..lb. .44 - .50
cns., Cedar Rapids, Ia....lb. .55 - —
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .72
Aldol, dms., works.....lb. .13 - .15
denat., grd., dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.50 Nom.
Algin, bbls., fib. dms.....lb. .79 - 1.50
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .18 - .18½
Laredo, Tex., bgs.....lb. .17 - .17⅝
Aloe, Cape, cs.....lb. .29 - .30
Curacao, kgs.....lb. .65 - .80
Socotrine, kgs.....lb. .55 - .60
Aloin, bbls., dms., kgs.....lb. 5.45 - 5.54
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½- .28½
Alphapinene, dms., c.l., wks.gal. .84½- —
l.c.l., works.....gal. .87 - —
tanks, works.....gal. .81½- —
Alphaterpineol, dms., c.l., works, lb. .1340- —
l.c.l. .....lb. .1390- —
tanks .....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, bls.....lb. .60 - .65
Alum, ammonia,[2] burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —
potash, gran., bbls., wks.100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Alum potash, chrome, bbls....lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina, ground, classified, grade, kgs., works..lb. .35 - .40
top grade, ground, kgs., works, lb. .60 - .67
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic solut., 24% bbls., dlvd..lb. .10¼- .11
solut., 20%, bbls., dlvd...lb. .09¼- .10
Chloride, anhyd.,[3] com'l, dms., c.l., works..lb. .08 - .09
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06¼- .06⅝
solut., 32 deg., cbys., c.l., works..lb. .02⅝- —
l.c.l., works.....lb. .03¼- —
Fluoride, bbls.....lb. .35 - .40
Hydrate,[4] heavy, bgs., c.l., works..lb. .024 - .031
bbls., c.l., works.....lb. .027 - .034
l.c.l., works.....lb. .04 - —
light, bgs., dlvd.....lb. .14½- —
bbls., dlvd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% AlO_3, dms., 10,000 lbs. or more, f.o.b. ship't point..lb. .03 - .03¼
ton lots, same basis..lb. .03 - .03¼
smaller lots, same basis, lb. .03⅝- .04
USP purity, conc., 9-9½% Al_2O_3, fib. dms., works..lb. .17⅝- —
contract, works.....lb. .16⅝- —
14-15% Al_2O_3, fib. dms., works..lb. .20⅝- —
contract, works.....lb. .19⅝- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works.....lb. .75 - —
powder, tech. (see Alumina hydrate).
USP IX, bbls., dms.....lb. .15 - .17
Laurate, prec., bbls.....lb. .25 - .26
Naphthenate, 1.7% Al, 50-gal. dms., works..lb. .18⅝- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .15½- —
Stearate, precip., bbls., c.l...lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald., 100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald. 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works, 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.10 - —
trihydrate, heavy bgs., wks., lb. .024 - .035
Aluminum, 98-99% [2,3,4], c.l....lb. .15 - —
l.c.l. .....lb. .15 - .16
paste, lining, extra fine, 200-dm..lb. .86 - .89
ink, 150-lb. dm.....lb. .71 - —
standard, 200-lb. dm.....lb. .88 - —
powder, lining, extra fine, 150-lb. dm..lb. .93 - —
litho, 150-lb. dm.....lb. .57 - —
standard, 200-lb. dm.....lb. .59 - —
rubber comp., 200-lb. dm...lb. .40 - —
unpolished, stand., 250-lb. dm., lb. .36 - —
varnish, stand., 300-lb. dm.lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c per lb for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris gray, tins.....oz.13.50 - 14.00
Aminomethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, dms.....lb. 4.00 - —
bots.....lb. 4.25 - —
Ammonia,[5] anhydrous, fertilizer, tankcars, works, frt. equald. ton.59.00 - —
refrigeration, tanks, wks..ton.60.00 - —
pure, cyls.....lb. .16 - —
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks, works (NH_3 content)..ton.65.00 - —
Benzoate, refined, dms., kgs., 4,000 lbs. up, frt. alld..lb. .48 - —
smaller lots, frt. alld...lb. .44 - .47
Bicarbonate, dms.....lb. .0539- .0614
Bicarbonate,[6] bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .17
Borate, gran., bbls, kgs.....lb. .1060- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .31 - .35
dms.....lb. .32 - .36
Carbonate, lump, dms.....lb. .06¼- .06¾
cns.....lb. .14¼- .17¾
powdered 1c. per lb. higher.
Chloride, tech. (see Ammoniac, salt).
USP, grs., bbls., dms., kgs.. lb. .13 - .15

Ammonia citrate, dibasic, bbls. lb. .75 - —
dms.....lb. .80 - .85
Fluoride, bbls.....lb. .18 - .20
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms....lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs.lb. 1.26 - 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,6] fertilizer grade, Canadian, 32.5 nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate.
domestic, bgs., c.l., shipping points..ton.48.00 - —
bulk, same basis.....ton.44.00 - —
tech, bgs., works.....100 lbs. 4.35 - 8.50
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, purif., gran., bbls., kgs..lb. .27 - .33
Perchlorate, kgs.....lb. .55 - .65
Persulphate, kgs.....lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .31 - .39
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08½
monobasic, pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08½
Salicylate, NF, dms., kgs..lb. 1.15 - 1.18
Silicofluoride, bbls....lb. .15 - .18
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .18½- —
Sulphamate, bbls., works....lb. .18 - .24
Sulphate,[1,6] dms., bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports...ton.29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works..lb. .07½- —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .06 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .06 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls....lb. .55 - —
jars .....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycolate, 100%, bbls....lb. 7.10 - —
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works... 100 lbs. 5.50 - 5.75
l.c.l., same basis..100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works, 100 lbs. 4.45 - —
l.c.l. same basis..100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- .17
l.c.l., dlvd.....lb. .13 - .17½
tanks, dlvd.....lb. .11½- .16
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .75 - .90
Caproate, dms.....lb. 2.75 - —
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½- —
l.c.l., works.....lb. .10? - —
tanks, works.....lb. .08½- —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Oleate, dms., works.....lb. .31 - —
Salicylate, bots.....lb. .80 - 1.25
Stearate, dms., works.....lb. .42 - —
Amylene, dms., c.l., works...lb. .10½- —
c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Amylnaphthalene, mixed, crude, dms., works..lb. .14 - —
refd., dms., works.....lb. .16 - —
Anethol, com'l, dms., works...lb. .657 - .662
NF, bots.....lb. 2.10 - 2.35
cans .....lb. 1.90 - 2.25
Angelica root, dom., bls.....lb. No prices
Angostura bark, bls.....lb. .20 - .21
Aniline[4] oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt. alld.....lb. .10½- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Cyprus, bgs.....lb. .28½- .29
Bulgarian, bgs.....lb. .29 - .29½
Mexican, recleaned, bgs....lb. .18½- .19
Syrian, bgs.....lb. .20½- .21
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 2.90 - 3.00
Annatto,[6] paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .08½- —
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinine, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,6] bulk, c.l., works...lb. .14½- .17½
Needle,[1] Bolivian, brown, 67%, cs...lb. .18½- —
Chinese, black, 70%, cs...lb. .20 - .22
Oxide,[1,6] bgs., ceramic grade, c.l...lb. .15 - —
l.c.l. .....lb. .15½- —
paint grade, c.l.....lb. .16⅜- —
l.c.l. .....lb. .16⅜- —
Salt,[1] 65%, bbls., dlvd., E. of Miss. River..lb. .40 - —
Sulphide,[1] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, HCl, cs.....oz.23.00 - 23.70
Apple syrup,[1] bbls.....lb. .16 - .16¼
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .23 - .24
Arecoline hydrobromide, bots..oz.12.25 - —
Argols, min. 70%, bgs., Argentine port, 100 kilos, 100% purity.70.00 - 72.00
Arnica flowers, bls.....lb. 2.45 - 2.50
Arrowroot, powd., bgs., bbls....lb. .10 - .10¼
Arsenic,[6] metal, lump, c.l....lb. No prices
Chloride (arsenous), bots....lb. 1.55 - —
Iodide (arsenous), 5-lb. bots.lb. 5.58 - —
jars .....lb. 5.43 - —
Sulphide, yellow, bbls.....lb. .52 - .55
bots. .....lb. .60 - .64
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾- —
Asafetida, cs.....lb. 45 - 48
powd., bbls., dms.....lb. .55 - .82
Asbestine (see Talk, N. Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Canad. mines, ton.49.50 - —
5R, bgs., same basis.....ton.44.60 - —
6D, bgs., same basis.....ton.33.00 - —
7D, bgs., same basis.....ton.28.50 - —
7F, bgs., same basis.....ton.26.50 - —
7H, bgs., same basis.....ton.22.50 - —
7K, bgs., same basis.....ton.21.00 - —
7M, bgs., same basis.....ton.16.50 - —
7R, bgs., same basis.....ton.15.50 - —
Asphaltum, Manjak No. 10, crude, dms., works..lb. .06¼- .12
process form, bgs., wks.lb. .05⅝- .18
jet, bgs., 2,000 lbs., gross weight, Colo. mines..ton.30.50 - —
Barbados, Dunellen, N. J.....lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —
Cuban A, bulk, c.l., N. Y....ton.60.00 - —
l.c.l., same basis.....ton.90.00 - —
B, bulk, c.l., N. Y.....ton.38.50 - —
l.c.l., same basis.....ton.55.00 - —
Egyptian, substitutes, bgs., l.c.l. refinery N. J. or Ill. lb. .08 - —

Asphaltum, gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines..ton.32.90 - —
290-295° F. fusing point, bgs., mines..ton.30.50 - —
270° F. fusing point, bgs., mines..ton.30.50 - —
seconds, 370-390° F. fusing point, not uniform, bgs., mines..ton.25.50 - —
300-330° F. fusing point, not uniform, bgs., mines, ton.25.50 - —
jet, bgs., ton lots, gross wght., Colo. mines..ton.30.50 - —
Mexican, ref'd., dms., c.l., Texas refy..ton.21.00 - —
l.c.l., same basis.....ton.21.00 -23.00
tanks, same basis.....ton.16.00 - —
Atropine, bots.....oz.15.00 - —
Sulphate, bots.....oz. 7.75 - 8.15

B

Balm of Gilead buds, bgs.....lb. 1.05 - 1.15
Barbasco root,[2,6] (see Cube root).
Barberry, root bark, bgs.....lb. No stocks
Barbital, dms.....lb. 3.50 - 3.60
sodium, dms.....lb. 3.75 - —
Barium[6] carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate,[6] kgs.....lb. .36 - —
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst., bgs., c.l., works, ton78.00 - —
l.c.l., same basis....ton.78.00 - —
bbls., c.l., same basis..ton.75.00 - —
l.c.l., same basis....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works....lb. .09½- .11
l.c.l., works.....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs .....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis..ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, approx. 94% $BaSO_4$, bulk, mines..ton. 8.50 - —
Bauxite,[2] blk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. .95 - 1.05
Root, bls.....lb. .90 - 1.00
Bentonite, 200 mesh, bgs., works, ton.11.00 - —
325 mesh, bgs., works.....ton.16.00 - —
Benzaldehyde,[6] NF, dms.....lb. .55 - 1.25
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol,[6] (benzene), pure, nitration and 90% dms., works, gal. .20 - —
tankcars, E. of Omaha, frt. alld. up to 2c. per gal..gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .26 - .28
Peroxide, pure, gran., fib. ctns., works.....lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .59 Nom.
dms. .....lb. .55 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., dms.lb. 1.00 - 1.10
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns.....lb. 5.15 - 5.50
Formate, cns.....lb. 3.00 - 3.50
Isoeugenol, bots.....lb. 9.50 - —
Propionate, bots.....lb. 1.85 - 2.50
Salicylate, bots.....lb. 1.90 - 2.15
Benzylidinacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .25 - .26
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works...lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works..lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., wks..lb. 1.60 - —
l.c.l., same basis.....lb. 1.85 - —
95%, same basis.....lb. 2.05 - —
98-99%, same basis.....lb. 2.20 - —
Beth root, ols.....lb. .45 - .46
Bismuth[6] chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.86
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.46
cns. .....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms, lb. 1.50 - 1.53
bots., cns.....lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots. .....lb. 1.29 - 1.33
Subsalicylate, USP, 82 - 66%, bbls., fib. dms..lb. 2.50 - —
bots., cns.....lb. 2.51 - 2.59
Sulphocarbolate, bots.....lb. 3.71 - 3.76
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns. .....lb. 3.45 - 3.50
Bisphenol-A, bgs., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
Black, acetylene,[2] bgs., c.l., works..lb. .14 - —
l.c.l., same basis.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld E..lb. .17 - —
2 bgs., bbls., c.l., same basis lb. .12 - —
Black, bone, 3, bgs., bbls., c.l., same basis..lb. .11 - —
4, bgs., bbls., c.l., same basis, lb. .06½- —
400A, bgs., bbls., c.l., same basis..lb. .06½- —
457, bgs., bbls., c.l., same basis..lb. .11½- —

Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.

Carbon,[6] heads, compressed, bgs., c.l., works..lb. .03550- —
bgs., ctns., l.c.l., dlvd., or whse..lb. .07½- —
regular, uncompressed, bgs., c.l., works..lb. .03625- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .08 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .06½- —
Lamp, 1, ctns., works.....lb. .08¼- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .05
B, bbls.....lb. .05⅝- —
kegs .....lb. .06 - —
Black dyes listed under Dyes.
Black haw root bark, bls.....lb. .85 - .90
Tree bark, bls.....lb. .30 - .35
Black Indian hemp root, bls...lb. No stocks
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.50 - —
direct process, bgs., c.l., works, ton.70.00 - —
l.c.l., works.....ton.75.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66⅔%, bbls., c.l., works, ton.40.00 - —
l.c.l., same basis.....ton.46.50 - —
Bleaching powder,[2,6] dms., c.l., works..100 lbs. 2.50 - 3.10
l.c.l., works.....100 lbs. 2.75 - 3.60
Blood,[1] dried, 16-16½% ammon., bgs..unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago.. unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .13½- —
smaller lots, Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .75 - 1.00
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
toner, bbls., same basis..lb. .85 - .90
Celestial, bbls., same basis..lb. .10 - .12
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis, lb. 3.50 - 3.75
80%, bbls., same basis....lb. 3.00 - —
green shade, bbls., same basis..lb. 4.50 - 4.70
Iron, Chinese, bbls., same basis, lb. .36 - —
Milori, bbls., same basis...lb. .36 - —
Prussian, bbls., same basis, lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Molybdated, Victoria, same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent, toner, green shade, molybdic..lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis, lb. .42 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, dry or pulp, cobalt grades, bbls., same basis..lb. .28 - .37
job grades, bbls., same basis, lb. .12 - .13
reg. grades, bbls., same basis, lb. .17 - .27
Victoria, toner,[1] molybdic, bbls., lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis, lb. 1.83 - —
syn. vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis..lb. 2.10 - —
Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .55 - .75
Blue mass, NF, cns., tubs....lb. 1.29 - 1.46
powd., bots., cns., dms.....lb. 1.32 - 1.46
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, bulk, Chicago....ton.57.50 -65.00
junk, bulk, same basis....ton.35.00 - —
meal, 4½% ammon., 50% phos., bgs., E. works..ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.51.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works, ton.38.50 - —
Chicago, works.....ton.37.00 - —
Precipitated (see Calcium phosphate tribasic, precip.).
Phosphate, defluorinated (see D).
Boneset leaves, bls.....lb. .15 - .17
Borage flowers, bls.....lb. .45 - .60
Borax,[2] tech., 99½%, gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld....ton.71.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
powd., bgs., frt. alld....ton.50.00 - —
ton lots, ex whse....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld....ton.60.00 - —
ton lots, ex whse....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —

USP, $15 per ton higher.

Unusual Opportunities

BENZOL SUBSTITUTE
Available drums, carloads or tank cars; ask for samples.

CHLOROFORM U.S.P.
In tin lined drums of about 600 pounds net each—for prompt shipment.

CHLOROFORM TECHNICAL
We have this in large drums of about 1000 pounds each.

CREAM OF TARTAR
We aim to have the lowest price and the best quality.

GLUCOSE 44/45° Be' U.S.P.
Recent arrivals make available certain quantities—packed in casks of about 600 pounds net each. Quotations on request.

HEPTANE
Some 10,000 pounds can be had at a low price.

MENTHOL U.S.P.
We have more than 1000 pounds on hand for immediate delivery.

MESITYL OXIDE
A powerful solvent for nitrocellulose and ethylcellulose. Also dissolves low-viscoscity cellulose acetate. We will be pleased to furnish samples with quotations.

METHYL METHACRYLATE
We can supply the Monomer in drums, carloads or tank cars — samples on request. Also sizeable quantities of certain grades of Polymer.

MONOSODIUM GLUTAMATE
We have limited quantities available for prompt shipment.

OLEIC ACID
Some 12,000 pounds of this "red oil" to be sold for liquidation of inventory.

POTATO STARCH
Subject to prior sale, we can offer three carloads powder and one carload pearl, all packed in standard uniform bags.

SODIUM BENZOATE U.S.P.
We can assure you of excellent service.

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Again we aim to have the lowest price and the best quality.

WILLIAM D. NEUBERG COMPANY

Chemicals

GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.
TELEPHONE LEXINGTON 2-3324

Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½- —
Bornyl thiocyanoacetate (see Isobronyl thiocyanoacetate).
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35
Bromoform, USP, bots.....lb. 1.50 - —
cbys.....lb. 1.42 - —
Bromstyrol.....lb. 4.30 - 5.00
Bronze powder, aluminum (see A).
gold, litho., cns., dms., works, lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls.....lb. .13 - .15
Brown,[3] iron-oxide, pure, precip., cks., works..lb. .12 - —
metallic, bbls., c.l., works..lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered.....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis, lb. .0235- —
Italian type, bbls., works..lb. .03¾- .10¾
raw, American, bbls., works, lb. .04 - .10
Italian type, bbls., works..lb. .03 - .10
Umber, American, bbls., wks., lb. .03¾- —
Italian type, bbls., works..lb. .04¾- —
Turkey type, bbls., l.c.l., f.o.b. Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05¼- —
Minneapolis.....lb. .0535- —

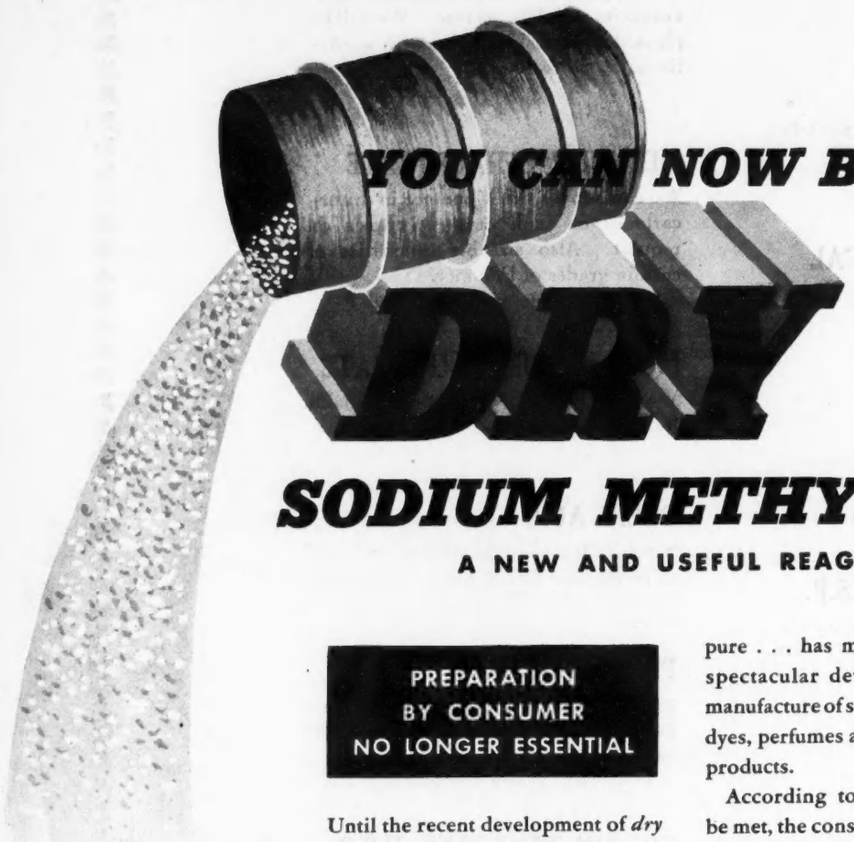
Brown, umber, Turkey-type, bbls., l.c.l., f.o.b. Pittsburgh, lb. .05 - —
ex car, Los Angeles..lb. .05⅝- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse., Los Angeles..lb. .05⅞- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., same basis..lb. .12 - —
Brucine, 100-oz. cns.....oz. .35 - —
Sulphate, 100-oz. cns.....oz. .30 - —
Byronia root, bls.....lb. .65 - .75
Buchu leaves, bls.....lb. .80 - .85
Buckthorn bark, bls.....lb. .75 - .80
Berries, bgs.....lb. .70 - .75
Burdock root, bls.....lb. .30 - .32
Burgundy pitch, dms.....lb. .06 - —
Butane,[1] indust., tanks, Group 3, gal. .03½- —
Butyl acetate, normal,[1,6] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss R., lb. .1895- —
l.c.l., frt. same basis, lb. .1945- —
tanks, same basis.....lb. .1795- —
other production, dms., c.l., same basis..lb. .1990- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¾- —
l.c.l., same basis.....lb. .12¼- —
tanks, same basis.....lb. .10¾- —
secondary,[1,6] dms., c.l., dlvd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .06½- —
Normal butyl acetate, W. of Miss. R., per lb. higher. ½c.
Alcohol (see Alcohol, butyl).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb 14¼- —

Butyl, carbinol, secondary, l.c.l., dms., works..lb. .09 - —
Chloride, normal dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., works....lb. .35 - —
tech., dms., works.....lb. .29 - —
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl Phthalate).
Propionate, dms., dlvd.....lb. .16½- .17
tanks.....lb. .15½- —
Stearate, dms.....lb. .31 - .31½
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide,[6] jars.....lb. 1.65 - 1.70
bots.....lb. 1.84 - 1.91
Iodide,[6] bots.....lb. 4.23 - —
cns.....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,6] pat. shapes, cs., dlvd., lb. .95 - —
Ingots or sticks.....lb. .90 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1,6] dms., makers primary distrib., 100 lbs. or more..lb. 2.80 - 2.95
25 to 100 lbs.....lb. 2.95 - 3.10
smaller lots.....lb. 3.15 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.05
25 to 100 lbs.....lb. 3.15 - 3.20
smaller lots.....lb. 3.35 - 3.45
Citrated, dms., makers primary distrib., 100 lbs. or more..lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.37

Calabar beans, bgs.....lb. .35 - .40
Calamus root, dom., bls.....lb. .40 - .45
Calcium acetate, bgs., dlvd., 100 lbs. 3.00 - 4.00
Arsenate,[6] bgs., c.l., whse., works, frt. alld..lb. .07 - .08
l.c.l., same basis.....lb. .07½- .08½
Bromide, jars.....lb. .65 - .70
Carbide,[1,6] dms., c.l., works, ton.50.00 - —
dlvd.....ton.87.00 - 95.00
Carbonate (see Chalk and Whiting).
Chloride, flake, 77-80%, paper, bgs., c.l., dlvd..ton.18.50 -35.00
l.c.l., 15 tons, dlvd..ton.21.50 -25.50
5-ton lots.....ton.28.50 -41.00
liquor, basis 40%, tanks, wks, ton. 7.50 - —
purified, cryst., bbls., jars.lb. .28 - .39
solid, 73-75%, dms., c.l., dlvd, ton.18.00 -31.50
l.c.l., 15 tons, dlvd..ton.21.45 -25.45
5-ton lots.....ton.28.45 -40.95
Calcium chloride prices vary according to zone min. prices, spot. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums $3.50 per ton over paper bags.
Gluconate, USP, gran., bbls..lb. .52 - —
dms.....lb. .57 - .58
cns.....lb. .70 - —
Powd., 2c. per lb. lower.
Glutamate, kgs.....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.29 - —
10-lb. lots.....lb.1.40 - —
cns., 25 lbs.....lb. 1.65 - —
Iodide, bots., jars.....lb. 4.04 - 4.10
Lactate, edible, 100 lbs., dms., lb. .21 - —
USP, bbls.....lb. .35 - .37
Laurate, bbls.....lb. .28 - .29
Mandelate, dense, fluffy, dm..lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22¼- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
5 to 9 bbls., works.....lb. .08 - .09
1 to 4 bbls., works.....lb. .10 - —
medicinal, dibasic, bgs, 100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald....lb. .06 - .06¼
tribasic, bbls., c.l., works.lb. .0635- —
Resinate, precip., 5.3% Ca, 100-lb. dms..lb. .15¼- —
Silicate, hydrated, 50-lb. paper bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06 - —
Stearate, precip., bbls., c.l., works..lb. .25 - —
l.c.l., same basis.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works, ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls. .....lb. .49 - —
Tallate, 3%-4% Ca, 50-gal. dms..lb. .13¼- .19¼
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works, lb. 1.50 - 1.75
Calendula flowers, bls.....lb. No stocks
Calomel,[6] bbls., dms.....lb. 1.85 - 1.89
Camphor, natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works, lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Monobromate, dms.....lb. 3.10 - 3.25
Canada balsam (see Fir balsam).
Cantharides.....lb. No stocks
Capsicum (see Pepper, red).
Caramel coloring, bbls.....gal. .70 - 1.10
Caraway seed,[1] Canadian, Sept.-Oct., bgs..lb. .80 - .85
Morocco, dewhiskered, bgs...lb. .67 - .68
Spanish, dewhiskered, bgs...lb. .66 - .67
Syrian, dewhiskered, bgs....lb. .64 - .66
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½- —
l.c.l., works.....lb. .23½- —
tanks, works.....lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l. same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1,6] c.p., dms., c.l., lb. .07½- —
l.c.l. .....lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .75 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms. c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .80 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10-gal. dms., c.l., alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .84 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½ gal. dms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
USP, cbys.....lb. .17 - .19
Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.



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A NEW AND USEFUL REAGENT

PREPARATION BY CONSUMER NO LONGER ESSENTIAL

Until the recent development of *dry* Sodium Methylate by Mathieson, this useful reagent had to be prepared by the consumer from metallic sodium and methanol—a slow and hazardous operation.

Moreover, the "home-made" product—a dilute solution of sodium methylate in methanol—did not permit the close control so necessary to efficient operation and high yields in organic syntheses.

Mathieson Sodium Methylate . . . a white crystalline powder over 95% pure . . . has made possible some spectacular developments in the manufacture of sulfa drugs, vitamins, dyes, perfumes and other important products.

According to the conditions to be met, the consumer may either use dry sodium methylate to supply his *entire* requirements or employ the new dry reagent to build up the concentration of the dilute methylate solutions prepared in his own plant.

Just how this versatile new reagent might fit into *your* processing picture we don't know, but we do believe it may pay you to consider its possibilities.

Our technical staff is at your service without obligation. Write for full information.

*PROPERTIES OF MATHIESON DRY SODIUM METHYLATE

APPEARANCE—A fine, white, very hygroscopic powder.

PURITY—Contains a minimum of 95% sodium methylate, CH_3ONa, not over 2% of inorganic alkalies (sodium hydroxide and sodium carbonate) and not over 3% of methanol.

STABILITY—Stable when stored in airtight containers.

MELTING POINT—None, decomposes and chars.

APPARENT DENSITY—About 0.4.

SOLUBILITY—Dissolves in approx. twice its weight of methanol.

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THE MATHIESON ALKALI WORKS (INC.) 60 EAST 42nd STREET, NEW YORK 17, N. Y.

SODIUM METHYLATE . . SODA ASH . . CAUSTIC SODA . . BICARBONATE OF SODA . . LIQUID CHLORINE . . BLEACHING POWDER . . H T H PRODUCTS
AMMONIA, ANHYDROUS & AQUA . . FUSED ALKALI PRODUCTS . . SYNTHETIC SALT CAKE . . DRY ICE . . CARBONIC GAS . . SODIUM CHLORITE PRODUCTS

Cardamom,[1] bleached, bold, cs., lb. 1.18 - 1.25
medium, cs. lb. 1.08 - 1.15
coorg clipped, cs. lb. .60 - .62
decorticated, cs. lb. .75 - .80
green, bgs. lb. .60 - .62

Carotene, crystalline (alpha, 10%; beta, 90%), amps, 100 grams, dlvd. gram. 2.85 - —
50 grams, dlvd. gram. 2.90 - —

Carvol, bots. lb. 22.50 - 23.00
Cascara sagrada bark, bulk. lb. .30 - .31

Case hardening mixture, 30%, gran., dms., l.c.l. lb. .09¾ - —
slabs, dms., l.c.l. lb. .08¾ - —

Casein,[1,6] dom., acid-precip., bgs., 100 or more, ship't point. lb. .24 - —
20 to 99, same basis. lb. .24¼ - —
less than 20, same basis, lb. .24¾ - —
rennet-precip., bgs., 100 or more, same basis. lb. .25½ - —
20 to 99, same basis. lb. .25¾ - —
less than 20, same basis, lb. .26¼ - —
imp., acid-precip., ground, bgs., 100 bgs. or more. lb. .17½ - .18
rennet-precip., unground, bgs., 100 bgs. or more. lb. .20 - .20½

Cassia.[1] lb. No stocks

Cassia fistula, bskts. lb. .28 - .34

Castor beans, f.o.b. Brazilian ports. long ton. 75.00 - —
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works, unit-ton 2.90 - —

Castoreum, nat., cns. lb. 12.50 - 13.00
synth., bots. lb. 19.00 - —

Catechol, CP, cryst., works, f.b. dms., tin. lb. 2.15 - 2.30
resublimed, frt. alld. E. of Miss., dms. lb. 3.50 - —

Catnep, bls. lb. .65 - .66

Celery seed,[1] Indian, bgs. lb. .18 - .18½

Celluloid scrap (see Pyroxylin scrap).

Cellulose acetate,[4,6] flake, ctns., works, frt. alld. lb. .30 - .35
granules, ctns., same basis. lb. .35 - —

Triacetate,[4,6] flake, ctns., works, frt. alld. lb. .30 - —

Cerium hydrate, dms., works. lb. .60 - —
Oxalate, USP, bbls., works. lb. .35 - —
kgs., works. lb. .37 - —

Oxide, optical grade, kgs., 100-lb. lots, works. lb. 1.50 - —
smaller lots, bgs., same basis. lb. 2.00 - —

Chalk, precipitated, cosmetics, dentifrices, and drugs, bgs., c.l., works. lb. .02¾ - —
paint and other industries, bgs., c.l., works. ton. 40.00 - —
papermakers, bgs., c.l., works, ton. 32.50 - —
rubbermakers, bgs., c.l., works, ton. 30.00 - —

Chamomile, Hungary type, cs. lb. .45 - .50
Roman, bls. lb. No stocks

Charcoal, pinewood,[1,6] grain, pulv., bgs., c.l., f.o.b. producers' plants in South. ton. 30.20 - —
l.c.l., same basis. ton. 41.00 - —
Willow, powd., bbls. lb. .06 - .07

Chestnut extract,[1,6] clarif., 25%, bbls., c.l., works. 100 lbs. 2.85 - 3.85
l.c.l., works. 100 lbs. 3.10 - 4.10
tanks, works. 100 lbs. 2.25 - 3.25
powdered, 65% tannin, bgs., c.l., works. 100 lbs. 6.50 - 9.10
l.c.l., works. 100 lbs. 7.25 - 9.85

Chillies (see Pepper, red).

China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works. ton. 9.50 - —
l.c.l., works. ton. 16.00 - —
bulk, c.l., works. ton. 7.60 - —
200 mesh, bgs., c.l., wks. ton. 8.50 - —
l.c.l., works. ton. 9.50 - 15.50
wet grd., silk-bolt 99.9%, 325 mesh, bulk, c.l., works, ton. 9.50 - —
paper bgs., c.l., works. ton. 12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton. 19.00 - 24.00
powd., cks., l.c.l., ex whse. ton. 41.00 - —

Chloral hydrate, jars. lb. .93 - .98
dms. lb. .90 - .95

Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works. lb. .32 - —
smaller lots, works. lb. .35 - —

Chlorine,[4,5,6] liquid, cyls., c.l.lb. .05¼ -
contracts lb. .05¼ - —
l.c.l. lb. .07¼ - —
tanks, single units, works, frt. equald 100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald. 100 lbs. 2.00 - —
2, wks., frt. equald. 100 lbs. 2.50 - —
1, wks., frt. equald. 100 lbs. 3.00 - —

Chloroform, tech., dms. lb. .20 - .23
USP, dms. lb. .30 - .33

Chloropicrin, com'l, 180-lb. cyls., works, frt. alld. lb. .80 - —
100-lb. cyls., same basis. lb. .82 - —
25-lb. cyls., ex whse. lb. 1.00 - —
1-lb. bots., ex whse. lb. 1.25 - —

Choline chloride, fib. dms. lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms. lb. 3.00 - 3.10

Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 8%, bbls., cs. lb. .07½ - —
7½%, bbls., cs. lb. .06½ - —

Cake, bulk, c.l., works. ton. 16.00 - —

Ore,[1] residue, paper bgs., c.l., works. ton. 15.00 - —
Oxide (see Green, chrome).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).

Chrysarobin, bots. lb. 6.03 - 6.09

Cinchona bark,[6] red, quill, USP, 10 in., cs. lb. 1.20 Nom.
broken, bgs. lb. .19 Nom.
yellow, quill, bgs. lb. .19 Nom.

Cinchonidine,[6] small, cryst., cns., 100 oz. .80 + .13½*
sulphate, NF, cns., 100 ozs. oz. .80 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[6] small, cryst., cns., 100 ozs. oz. .62 + .13½*
large cryst., cns., 100 ozs. oz. .6¢ + .13½*
Sulphate, NF, cns., 100 ozs. oz. .42 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, NF, bots. lb. 3.70 - 3.80
dms. lb. 3.50 - 3.60
Heavy density cinchophen 20c. per lb. higher.

Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cns., dms. lb. 2.00 - 3.90

Cinnamon,[1] Ceylon, 2, bls. lb. .53 - .53½
No. 2, bls. lb. .52 - .53
chips, bgs. lb. .56 Nom.

Citral, bots., cns. lb. 2.85 - 4.75

Citrine ointment, - jars. lb. .91 - 1.11

Citronellal, bots., dms. lb. 2.75 - 3.25

Citronellol, bots., dms. lb. 6.00 - 7.00

Cloves,[1] Madagascar, futures, bls. lb. .16¾ - .17¼
Zanzibar, bls. lb. .21½ Nom.

Clover tops, red, bgs. lb. .39 - .40

Coaltar,[6] coal-gas, crude, bbls., l.c.l., works. bbl. 8.25 - —
l.c.l., works. bbl. 8.75 - —
tanks, works. gal. .07½ - —
refd., bbls., c.l., works. bbl. 8.75 - —
l.c.l., works bbl. 9.25 - —
tanks, works gal. .08½ - —
water-gas, crude, dms., c.l., works. bbl. 8.25 - —
l.c.l., works. dm. 8.75 - —
refd., dms., c.l., works. dm. 9.25 - —

Cobalt acetate,[6] bbls., kgs., dlvd., lb. .83¾ - —
feed grade, 49.5% Co., kgs. lb. 1.25 - —

Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co., kgs. lb. 1.85 - —
Chloride, kgs., works. lb. .87½ - —
feed grade, 24.5% Co., kgs. lb. 1.25 - —
Hygrade,[6] bbls. lb. 2.04 - —
feed grade, 62% Co., kgs. lb. 2.25 - —
Linoleate, paste, 5%, dms. lb. .32 - .35
solid, 8½%, dms. lb. .44 - —
Naphthenate, 6% Co., 50-gal. dms. lb. .31 - —
Nitrate, feed grade, 20.4% Co., kgs. lb. 1.25 - —
Oleate, bbls. lb. .44 Nom.
Oxide,[6] black, kgs. lb. 1.84 - —
Phosphate, feed grade, 34% Co., kgs. lb. 1.75 - —
Resinate, precip., 7.5% Co., 100-lb. dms. lb. .38½ -
Soyate, 8%-8.5% Co., 50-gal. dms. lb. .42 - .44
Sulphate,[6] dms. lb. .65 - —
feed grade, 21% Co., kgs. lb. 1.00 - —

Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.

Cobalt-ammonium sulphate, 14% Co., kgs. lb. .75 - —

Cocaine hydrochloride, 100-oz. lots, cns. oz. 9.75 - —

Cochineal, gray, bgs. lb. .37 - .38
silver, Teneriffe, bgs. lb. .38 - .39

Cocoa butter,[1] bulk, ship't pt. lb. .25 - —

Cocillana bark, bgs. lb. .28 - .30

Codeine, cns., 100 ozs. oz. 11.70 - —
Hydrochloride, cns., 100 ozs. oz. 10.50 - —
Phosphate, cns., 100 ozs. oz. 9.00 - —
Sulphate, cns., 100 ozs. oz. 9.50 - —

Codliver oil (see Oil, codliver).

Cohosh root, black, bls. lb. .18 - .20
blue, bls. lb. .18 - .20

Colchicine, bots., cns. oz. No stocks.

Cochicum seed lb. No stocks.

Collodion, USP, dms. lb. .19½ - .20½
cns. lb. .23 - .29½
flexible, USP, dms. lb. .21 - .22
cns. lb. .25 - .31

Colocynth pulp, bls. lb. .60 - .65

Colombo root, bls. lb. .19 - .20

Coltsfoot leaves, bgs. lb. .90 - 1.00

Condurango bark, bg. lb. .12 - .15

Copaiba balsam, Peru, cns. lb. .47 - .49
S. A., USP, cns. lb. .50 - .52

Copper acetate,[6] cupric, bbls., dlvd. lb. .24 - —
smaller containers, dlvd. lb. .26 - .50
Carbonate,[6] 52-54%, bbls. lb. .19½ - .20
Chloride,[6] anhyd., bbls. lb. .22½ - .23
crystals, bbls. lb. .14¾ - .17
Cyanide,[6] tech., bbls. lb. .34 - .38
Iodide, bots. lb. 5.15 - 5.19
Metal,[1,6,5] electrolytic lb. .12 - .12¾
Naphthenate, 6%-8% Cu, 50-gal. dms. lb. .15 - .17
Nitrate,[6] tech., cryst., bbls. lb. .18¾ - .20

Copper oleate, precip., bbls. lb. .22½ - .29½
Oxide,[6] black, bbls., works. lb. .19 - .26
red, com'l, kgs. lb. .20 - .22
Oxychloride-sulphate,[6] bgs. lb. .17 - .20
Resinate, precip., 8.3% Cu, 125-lb. dms. lb. .15½ - .16
Sulphate,[1,6] 99%, cryst., bgs., c.l., works. 100 lbs. 5.00 - —
7,200 to 36,000 lbs. 100 lbs. 5.15 - —
2,700 to 7,200 lbs. 100 lbs. 5.25 - —
700 to 2,700 lbs. 100 lbs. 5.50 - —
monohydrated, bgs., in dms., c.l., dlvd. 100 lbs. 9.95 - —
l.c.l., same basis. 100 lbs. 10.95 - —
dms., c.l., dlvd., same basis, 100 lbs. 8.95 - —
l.c.l., same basis. 100 lbs. 9.95 - —

Copperas, cryst., gran., bgs., c.l., works. ton. 17.00 - —
bbls., c.l., works. ton. 20.00 - —
l.c.l., 25, works. 100 lbs. 1.55 - —
1-4, works. 100 lbs. 2.00 - —
bulk, c.l., works. ton. 14.00 - —

Copra, Coast, ship't. lb. No prices

Coriander seed,[1] Indian, bgs. lb. No stocks
Morocco, bgs. lb. 13¼ Nom.

Cornsilk, bls. lb. .24 - .25

Corn sugar, tanners,[6] chipped, bgs., c.l., dlvd. 100 lbs. 3.905 - —
slabs, bbls., c.l. 100 lbs. 3.825 - —

Syrup, 42°, bbls., c.l. 100 lbs. 4.221 - —
43°, bbls., c.l. 100 lbs. 4.271 - —

Corrosive sublimate,[6] cryst., dms., 50 lbs. or more. lb. 1.59 - —
gran., powd., dms., 50 lbs. or more. lb. 1.44 - —

Cottonroot bark, bls. lb. .18 - .19

Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd. unit-ton 1.00 - —

Meal,[1] 41% protein, Memphis, c.l. ton. 45.00 - 49.75

Coumarin,[1] cns., makers, primary distrib., 5 lbs. or more. lb. 2.75 - —
smaller lots. lb. 2.90 - 3.10

Cramp bark, NF, bls. lb. .80 - .85

Cream of tartar, USP, gran. or powd., bbls., 5,000 lbs. one ship't. lb. .57½ - —
smaller lots, bbls. lb. .58 - —
kgs. lb. .58½ - —

Creosote carbonate, beta., cbys., lb. 2.10 - 2.39

Coaltar, oil,[3] crude, tanks, works. gal. .15½ - —
refd., bbls., l.c.l., works. gal. .28 - —
tanks, works. gal. .18 - .18½
solution, tanks, works. gal. .141 - —

Wood, beech, bots. lb. 1.04 - —
Hardwood, USP, bots. lb. .60 - .77
Pine, dms. gal. .28 - —

Cresol,[3,6] special resin grades, dms., c.l., works, frt. equald., lb. .09½ - .10½
l.c.l., same basis. lb. .10 - .11
tanks, same basis. lb. .08¾ - .09¾

USP, dms., c.l., works, freight equald. lb. .10¾ - .11¼
l.c.l., same basis. lb. .11¼ - .11⅝
tanks, same basis. lb. .10 - .10½

Crotonaldehyde, 97%, 55 and 110 gals., l.c.l., works. lb. .15 - —
5 and 10-gal. dms., works. lb. .18 - —

Cryolite, nat.,[4] bgs., bbls., c.l., 100 lbs. 9.50 - —
smaller lots. 100 lbs. 10.00 - —

synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R. lb. .08½ - —
smaller lots, works. lb. .09¼ - —

Cube root, 5% rotenone, bbls., works. lb. .40 - —
4% rotenone, bbls., works. lb. .32 - —

Cubeb berries, XX, bgs. lb. No stocks
powd., cs. lb. No stocks

Culver's root, bls. lb. .27 - .28

SPOT DELIVERIES

MENTHOL Not USP

HEAVY CALCINED MAGNESIA MAGNESIUM METAL POWDER

SODIUM HYDROSULFITE DICALCIUM PHOSPHATE

ZINC CHLORIDE SOLID

CREAM OF TARTAR IMPORTED

OTHER SPECIAL PRODUCTS

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NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE • NICKEL OXIDE, ETC.

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Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks
Cyanamide,[4] fertilizer mixing grade, guaranteed 21% N., pulv., bgs., Niagara Falls, Ont., contracts..unit-ton. 1.53½- —
20.6% N., gran., bulk, same basis..unit-ton. 1.62½- —
Cyclohexane, 98-100%, works..lb. .14 - .16
tech., dms., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
tanks, frt. alld. E.....lb. .09½- —

Cyclohexane prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nov., N. D., N. M., Okla., S. D., Utah, and Wyo.

Cyclohexanol, 98-100%, works..lb. .21 - .23
Cyclohexanone, 98-100%, wks..lb. .30 - .32
tech., dms., c.l., frt. alld. E., lb. .30 - —
l.c.l., frt. allᵈ. E.....lb. .30½- —
tanks, frt. allᵈ. E.....lb. .29 - —

Cyclohexanone prices are 1c. per lb. higher, frt. allᵈ., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.

Cyclopropane, USP, cyls., divd., gal. .27 - —

D

Dandelion root, bls.....lb. .30 - .32
Decanol,[6] normal, tech., dms., divd..lb. .35 - —
Deertongue, bls.....lb. .23 Nom.
Defluorinated phosphate,[1] paper bgs., works..ton.34.25 - —
Degras,[1,6] common, bbls.....lb. .10 - .12
neutral, less 2% ffa, bbls...lb. .26 - .29
over 2% ffa, bbls.....lb. .25 - .27
Damiana leaves, bls.....lb. .16 - 17
Derris root (same as Cube root).
Dextrin, British gum, bgs., c.l. 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l..100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¾
Diacetone (see Alcohol, diacetone).
Diacetyl, bots.....lb. 6.00 - 7.00
Diamyl ether (see Amyl ether).
Phthalate,[6] dms., c.l., divd..lb. .2170- .2200
l.c.l., divd.....lb. .2220- .2250
tanks, divd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works..lb. .25 - —
Diamylamine, dms., c.l., wks..lb. .61 - —
l.c.l., works.....lb. .64 - —
Diamylphenol, 2:4, dms., c.l., works..lb. .18 - —
l.c.l. .....lb. .21 - —
Diatomaceous earth, dom., CP., bgs., c.l., Atlantic Coast.. lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific Coast. ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., Atlantic Coast..ton.55.00 -59.00
l.c.l., ex whse.....ton.85.00 -90.00
imported, Algerian, bgs., c.l., Atlantic Coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic Coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2470- .2500
1-gal. cns., same basis..lb. .2670- .2700
dms., c.l., same basis....lb. .1940- .2330
l.c.l., same basis.....lb. .1990- .2380
tanks, same basis.....lb. .1840- .2230
Sebacate, dms., works.....lb. .497 - .517
Tartrate, dms.....lb. .92 - 1.02
Dibutylamine, dms., c.l., works.. lb. .61 - —
l.c.l., works.....lb. .64 - —
Dichloroethyl ether,[6] dms., c.l., works..lb. .15 - —
l.c.l., same basis.....lb. .16 - —
tanks, same basis.....lb. .14 - —
Diethanolamine,[6] dms., c.l., frt. allᵈ. in E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Diethyl carbonate, com'l, dms..lb. .28 - —
refd., 90%, dms.....lb. .30 - —
Oxalate, dms., c.l., divd.....lb. .3020- —
l.c.l., divd.....lb. .3070- —
Phthalate,[6] dms., c.l., divd..lb. .2025- .2120
l.c.l. .....lb. .2075- .2170
tanks .....lb. .1925- .2050
Sulphate, dms., c.l., works lb. .15 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylamine, dms., c.l., works. lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylaminoethanol,[6] l.c.l., dms., works, frt. allᵈ. E. of Miss. R..lb. .75 - —
Diethylaniline, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. allᵈ. in E..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
tanks, same basis.....lb. .13½- —
Monobutylether, dms., works..lb. .22½- .24½
Monoethylether,[6] dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .60 - .65
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works. lb. .19 - —
Dillseed, cleaned, bgs.....lb. No stocks
dewhiskered, bgs.....lb. .14½- .15
Dimethyl phthalate,[6] dms., c.l., divd..lb. .1875- —
l.c.l., divd.....lb. .1925- —
tanks, divd.....lb. .1775- —
Dimethylamine, dms., c.l.....lb. .85 - —
l.c.l., divd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l. .....lb. .24 - —
Dimethylethyl carbinol (see carbinol)
Dinitrobenzene, bbls., 30° min.lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .37
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .06 - —
Diorthotoluoiguanidin,[6] dms., tons, divd..lb. .44 - —
smaller lots.....lb. .46 - .47
Dioxan, dms., c.l., frt. allᵈ...lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1,6] dest. dist., dms., divd. E..gal. .55 - .56
tanks, divd. E.....gal. .45 - —
single dist., dms., divd. E..gal. .55 - .58
tanks, divd. E.....gal. .52 - —
Diphenyl, bbls.,-c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms. .....lb. .43 - .45
Diphenylamine,[6] bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., tons.lb. .35 - —
smaller lots.....lb. .36 - .37
Divi-divi,[6] bgs., ex dock.....ton.68.00 -70.00
Doggrass root, imp., cut, NF, bls..lb. .50 - .55
dom., bls.....lb. .36 - .45
Dogwood bark, Jamaica, bls...lb. .15 - .20
Dover's powder, USP, cns.....lb. 2.75 Nom.
Dragon's blood, reeds, cs.....lb. .85 - .90
Dyes, coaltar (certified colors for foods, drugs andt cosmetics—
Blue, FD&C blue, No. 1, cns.lb.13.50 - —
FD&C blue, No. 2, cns....lb.13.50 - —
Green, FD&C green, No. 1 cns. lb.13.50 - —
FD&C green, No. 2, cns...lb.17.50 - —
FD&C green, No. 3, cns...lb.27.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 3.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors for drugs and cosmetics—
Black, D&C black, No. 1, cns. lb. 3.35 - —
Blue, D&C blue, No. 4, cns..lb.12.35 - —
Brown, D&C brown, No. 1, cns.12.35 - —
Green, D&C green, No. 5, cns. lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 3, cns..lb. 3.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns...lb.15.35 - —
Red, D&C red, No. 8, cns...lb. 2.35 - —
D&C red, No. 17, cns.....lb. 3.35 - —
D&C red, No. 18, cns.....lb.15.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 3.35 - —
D&C red, No. 33, cns.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns...lb. 3.35 - —
D&C yellow, No. 8, cns....lb. 3.35 - —
D&C yellow, No. 11, cns...lb.10.35 - —
Dyes, coaltar (certified colors for external use, drugs and cosmetics—
Blue, Ext. D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext. D&C green, No. 1, cns..lb.12.35 - —
Red, Ext. D&C red, No. 1, cns..lb.10.35 - —
Ext. D&C red, No. 3, cns..lb.21.35 - —
Ext. D&C red, No. 8, cns..lb. 7.35 - —
Ext. D&C red, No. 10, cns.lb.12.35 - —
Ext. D&C red, No. 13, cns.lb.12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 3.35 - —
Dyes, coaltar, for general uses[6] (numbers are those of Colour Index scale)—
36 Chrome yellow, 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A⁶.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202, Chrome blue black U..lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .85 - .90
307 Fast cyanin black B..lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN, lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb. .70 - .73
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct ascrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
581 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble) lb. .35 - .50
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L..lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Black—
865 Nigrosin derivatives..lb. .36 - .44
Blue—
7075 Alizarin astral base.lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —
Brown—
Brown .....lb. 1.15 - —

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Witco's Zinc, Aluminum and Calcium Stearates are noted for their exceptional purity—even, fluffy texture—and freedom from all traces of greasy lumps. Witco Stearates are unexcelled for their special uses. For example...

WITCO ZINC STEARATE, because of its excellent texture, is particularly suited for use in the dusting of molds in the rubber and plastic industries.

WITCO ALUMINUM STEARATE, because of its exceptionally high transparency, has become widely accepted by the paint, printing ink and petroleum industries.

WITCO CALCIUM STEARATE helps to bring waterproof and water-repellent qualities to textiles, plastics, crayons, etc.

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MANUFACTURERS AND EXPORTERS
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Dyes, coaltar, for general uses[4] (numbers are those of Colour Index scale)—

Green—
1078 Alizarin cyanin green..lb. 5.00 - —
Green .....lb. .75 - —

Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —

Red—
75 Sudan II.....lb. 1.05 - —
358 Sudan IV.....lb. .85 - —
690 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink). lb. 2.50 - —
1080 Anthraquinone,[6] violet base..lb. 6.00 - —

Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

Black:—
246 Naphthol blue black S.. lb. .50 - —
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
900 New blue P.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —

Blue:—
714 Patent blue A.....lb. 1.05 - 1.10

Brown:—
231 Bismarck brown G...lb. .47 - .62
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
332 Bismarck brown R..lb. .47 - .62
793 Phosphin .....lb. 4.65 - —

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Green:—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.00 - —

Orange:—
10 Chrysoidin G.....lb. .44 - —
21 Chrysoidin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol Red 6B. lb. .68 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —

Red:—
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A[6].....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841..Safranin .....lb. 1.45 - —

Violet:—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —

Yellow:—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers works or warehouse).

Black:—
864 Nigrosin .....lb. .36 - .44

Blue:—
860 Indulin .....lb. .60 - .70

Brown:—
331 Bismarck brown.....lb. 1.50 - —

Green:—
637 Malachite green base.lb. 2.00 - —

Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .9[illegible] - —

Red:—
677 Fuchsin, magenta, base. lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —

Yellow:—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —

Violet:—
680 Methyl violet base....lb. .85 - —

Dyes natural (see name of article).

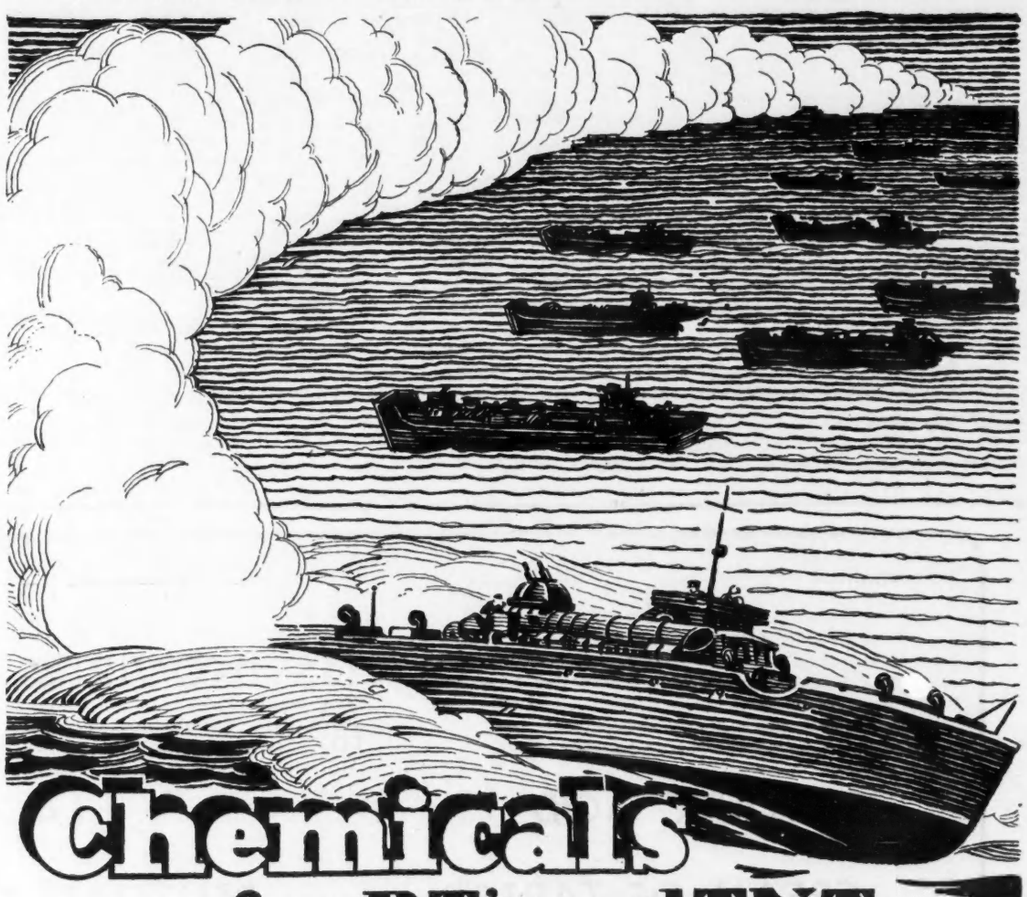
Ether, acetic ..see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., dlvd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bot., 100 lbs..lb. .93 - 1.10
Sulphuric, conc., dms.....lb. .11 - .16
USP anesthesia, hospitals, 1-lb. cns..lb. .60 - .61
Synthetic, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks .....lb. .12½- —
Ethyl acetate,[3,6] 85-90%, dms., c.l., frt. alld..lb. 11.70- 12.75
l.c.l., frt. alld.....lb. .1220- .1325
tanks, frt. alld.....lb. .1070- .1175
95-98%, dms., c.l., frt. alld.. lb. .1225- .1335
l.c.l., frt. alld.....lb. .1275- .1385
tanks, frt. alld.....lb. .1125- .1235
NF, dms.....lb. .14½- .15½
Acetoacetate, dms., c.l., works, lb. .37½- —
l.c.l., frt. alld.....lb. .38 - —
Benzoate, bots.....lb. .90 - 1.00
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., dlvd. E....lb. .56 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.25 - 3.35
Formate, dms., f.o.b. Agnue, Calif..lb. .26 - .32
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .33½- .34¼
Myristate, dms., works.....lb. .55 - —
Œnanthate, dms.....lb. .76 - 1.25
Oleate, dms., works.....lb. .47 - —
Oxalate, dms., frt. alld.....lb. .33 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose,[6] standard, pkgs., 5,000 lbs. or more, works..lb. .50 - —
smaller lots, same basis....lb. .52 - .60
Ethyldiethanolamine, dms., l.c.l., works..lb. .80 - —
Ethylene dichloride,[3] dms., c.l., works, E. of Rockies, frt. alld..lb. .0842- —
West of Rockies, same basis..lb. .0891-
Ethylene dichloride, dms., l.c.l., works, E. of Rockies, same basis..lb. .0891- —
West of Rockies, same basis..lb. .0941- —
tanks, E. of Rockies, same basis..lb. .0743- —
West of Rockies, same basis..lb. .0792- —
Ethyleneglycol,[3,6] dms., c.l., frt. alld. in E..lb. .10 - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09 - —
Monobutylether,[6] d m s., c.l., works..lb. .16½- —
l.c.l., works.....lb. .17½- .20½
tanks, works.....lb. .15½- —
Monoethylether, d m s., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- .16½
tanks, works.....lb. .13½- —
Monoethylether acetate, dms., c.l., works..lb. .11½- —
l.c.l., dms.....lb. .12½- .15½
tanks, works.....lb. .10½- —
Monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ethylethanolamine, d m s., c.l., works..lb. .57 - —
l.c.l., works.....lb. .60 - —
Ethylmorphine hydrochloride, bots..oz.10.55 -10.75
Ethyldinanilin, dms.....lb. .45 - .47½
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylvanillin,[1] cns., makers, primary distrib., 5 lbs. or more. lb. 5.25 - —
smaller lots.....lb. 5.30 - 5.40
Eucalyptol, cns., dms.....lb. 2.50 - 3.00
Eucalyptus leaves, bls.....lb. .10 - .18
Eugenol, cns., dms.....lb 2.65 - 2.25
Euphorbia, bls.....lb 12 - 12

E

Echinacea root, bls.....lb. .95 - 1.00
Egg[1] albumen (see Albumen).
Yolk, dried, dom.....lb. 1.11 - 1.17
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .58 - .59
Elecampane root, bls.....lb. No stocks
Elm bark, grinding, bls.....lb. No stocks
powd., bbls., bxs.....lb. No stocks
select, bndls.....lb. .50 Nom.
Emetine[6] hydrochloride, bots..oz.21.00 -33.00
Ephedra, bls.....lb. .21 - .22
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride or sulphate, tins..oz. .95 - 1.45
synthetic, USP, anhyd., bots.. 100 ozs..oz. .65 - —
Hemihydrate, bots., 100 ozs. oz. .65 - —
Hydrochloride, tins, 100 ozs. or more..oz. .50 - —
Sulphate, cryst., tins, 100 ozs. or more..oz. .48 - —
Epinephrine, synth., USP, bots.. gram. .75 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.00 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.35 - —
dried, bgs., l.c.l. .....lb. .08 - .09
Epsom salt prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.
Ergot, USP, dms.....lb. 1.40 - 1.45
Eserine, bots.....oz. No prices
Sulphate, 1-gram vials.....vial. 2.10 - —

F

Feldspar, enamel, 100 mesh, bulk, c.l., works..ton.14.00 -17.50
bgs., min., 2 tons.....ton.17.00 -20.50
glass, 20 mesh, bulk, c.l., works..ton. 9.75 - 12.25
bgs., l.c.l., min. 2 tons..ton.12.75 -16.25
pottery, bulk, c.l., works...ton.17.00 -19.00
l.c.l., bgs., min. 2 tons..ton.20.00 -22.00
Fennel seed, Argentine, bgs...lb. No stocks
Indian, bgs.....lb. .16½ Nom.
Fenugreek seed, domestic, bgs.lb. .20 - .20½
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Ferric sulphate, anhyd., bgs., c.l., works..ton.36.00 - —
l.c.l., same basis.....ton.40.00 - —
Film scrap, colored, cs., 50 lbs. or over, works..lb. .13½- —
smaller lots, works.....lb. .15 - —
water white, cs., 50 lbs. or over, works..lb. .14½- —
smaller lots, works.....lb. .17 - —
Fir balsam, Canada, cns.....gal.19.00 -20.00
Oregon, bbls.....gal. 2.35 - 2.50
Fishberries, bgs.....lb. .23 - .24
Fishoils (see Oil, fishliver).
Fishmeal,[1] grd., 60% protein, bgs., E. works..ton.72.50 - —
65% protein, same basis..ton.78.50 - —
Fishscrap, dried, 60% protein, bulk, East Coast..ton.66.50 - —
Flake white, bbls.....lb. .09 - —
kegs .....lb. .11 - —
Fleaseed, French, black, bgs..lb. .70 - .73
Indian, blonde, bgs.....lb. .13 - .16
Fluorspar, No. 1, ground, 95-98% CaF_2, bulk, c.l., mines. net ton.37.00 - —
washed gravel, 70% or more CaF_2, mines..net ton.33.00 - —
65%, mines.....net ton.32.00 - —
60%, mines.....net ton.31.00 - —
less than 60%, mines..net ton.30.00 - —



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Today, Industrial Chemicals manufactured by Stauffer are being consumed in large quantities by many war industries—basic chemicals that are indispensable to wartime America.

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Yes, Stauffer's new and expanded facilities will have readily available its long list of chemicals and of the same high quality that has been produced for nearly sixty years.

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*Aluminum Sulphate	Caustic Soda	Nitric Acid	Sulphur Chloride
Borax	Citric Acid	Silicon Tetrachloride	*Superphosphate
Boric Acid	*Copperas	Sodium Hydrosulphide	Tartar Emetic
Carbon Bisulphide	Cream of Tartar	Stripper, Textile	Tartaric Acid
Carbon Tetrachloride	Liquid Chlorine	Sulphur	Titanium Tetrachloride
	Muriatic Acid	Sulphuric Acid	

(*Items marked with star are sold on West Coast only.)

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550 South Flower St., Los Angeles 13, Cal.
624 California Street, San Francisco 8, Cal.
North Portland, Oregon—Houston 2, Texas

Formaldehyde,[1,3,6] bbls., c.l., works..lb. .0520- —
l.c.l., works..lb. .0670- —
dms., extra, c.l., works..lb. .0460- —
l.c.l., works..lb. .0510- —
tanks, works..lb. .0320- —
tanktrucks, dlvd. N.Y.C..lb. .0345- —

Fringetree bark, bis..lb. No stocks

Fuller's earth, dom., powdered, bgs., c.l., Fla., Ga. mines..
ton. 8.50 -15.00
Tex. mines..ton.12.50 - —
spent, bulk, Bayonne..ton. 3.00 - —
Chicago ..ton. 4.00 - —
imp., bgs., c.l..ton.30.00 -40.00

Furfural,[6] ref., dms., c.l., works.
lb. .15½- —
l.c.l., works..lb. .18 - .25½
tech., dms., contracts, 150,000 lbs. .10 - —
c.l., works..lb. .13 - —
l.c.l., works..lb. .15½- .20½
tanks, works..lb. .09½- —

Fusel oil, crude, dms., works,gal. .73 - —
refd., dms., dlvd..lb. .18½- .19½

Fustic, cryst., No. 1, bbls..lb. .32 - —
No. 2, bbls..lb. .30 - —
No. 3, bbls..lb. .28 - —

extract, No. 1, bbls..lb. .16 - —
No. 2, bbls..lb. .15 - —
No. 3, bbls..lb. .12½- —

G

G salt, bbls..lb. .45 - —
Galangal root, bls..lb. .30 Nom.
Gambier, cube, Singapore, cs., lb. No stocks
extract, bbls..lb. No stocks
Gasoline[1] at refnery, ex tax:—
Arkansas, US motor, 70-74 octane, tanks..gal. .05⅞- —
Bayonne, 70-74 oct., tanks... gal. .09075- —
Gulf Coast, US motor, 70-74 octane, tanks..gal. .05⅝- .06½
Group 3, 70-74 octane, tanks, gal. .06¼- .06⅝
natural, 26-70, tanks....gal. .04⅜- .05
Oklahoma-Texas, US motor, 70-74 octane, tanks..gal. .05⅞- .06
Pennsylvania, western, U. S. motor 70-74 octane, leaded, tanks..gal. .07⅜- .0895
Gelatin, silver, label, ctns., dlvd. lb. .90 - .97
export, cases..lb. 1.00 - —
Silver gelatin prices 5c. higher for deliveries in:—Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash., and Wyo.
Gelsemium, root, bls..lb. .23 - .25
Gentian root, bls..lb. .41 - .42
grd., bbls., bxs..lb. .46 - .47
powd., bbls., bxs..lb. .47 - .48
Geraniol, 92-96% cns., dms....lb. 3.50 - 4.50
Ginger,[1] African, No. 1, bls....to. No stocks
Calicut, bgs..lb. .27 - .27½
Cochin, bleached, bgs..lb. .28 - .29
unbleached, bgs..lb. .25½ Nom.
Jamaica, No. 1, bgs..lb. .30 - .31
No. 2, bgs..lb. .27 - .27½
No. 3, bgs..lb. .24½- .25
Ginseng root, wild, South, cs..lb. 8.00 - 9.00
Glaubers salt, anhyd. (see Soda sulphate).
cryst., bgs., bbls., c.l., works, 100 lbs. 1.05 - 1.25
l.c.l., 5 tons up, works.... 100 lbs. 1.15 - 1.35
less than 5 tons, works. 100 lbs. 1.25 - 1.45

Glue, bone,[6] producers,' calcium type, 24 millipoise, 36 jelly-grams, bgs., c.l., East of Midwest..lb. .16 - —
30/38, bgs., c.l., same basis..lb. .15½- —
58/82, bgs., c.l., same basis..lb. .17 - —
82/108, bgs., c.l., same basis..lb. .18½- —
Producers' bone glue l.c.l. prices 1c. over c.l.
Hide, producers,[1,6] 100-121 (jelly test in grams), bgs., c.l., dlvd..lb. .14 - .21½
122-149, bgs., c.l., dlvd....lb. .15 - .22½
150-177, bgs., c.l., dlvd....lb. .16 - .23½
178-206, bgs., c.l., dlvd....lb. .17 - .24½
207-236, bgs., c.l., dlvd....lb. .18 - .25½
237-266, bgs., c.l., dlvd....lb. .19 - .26½
267-298, bgs., c.l., dlvd....lb. .20 - .27½
299-330, bgs., c.l., dlvd....lb. .21 - .28½
331-362, bgs., c.l., dlvd....lb. .22 - .29½
363-394, bgs., c.l., dlvd....lb. .23 - .30½
395-427, bgs., c.l., dlvd....lb. .24 - .31½
428-460, bgs., c.l., dlvd....lb. .25 - .32½
461-494, bgs., c.l., dlvd....lb. .26 - .33½
495-529, bgs., c.l., dlvd....lb. .27 - .34½
Hide glue l.c.l. prices 1c. over c.l.; bbls. ½c. over bags.

Glycerin, crude, saponification, 80%, to refiners, tanks..lb. .11¼- —
soaplye, 80%, tanks..lb. .10 - —
dynamite, dms., c.l..lb. .14½- —
l.c.l. ..lb. .15 - —
tanks ..lb. .14¼- —
high gravity, dms., c.l..lb. .14½- —
l.c.l. ..lb. .15 - —
tanks ..lb. .14¼- —
ref., USP, CP, 95%, dms., c.l., lb. .15½- —
l.c.l. ..lb. .15⅝- —
tanks ..lb. .15 - —
B.P., 98%, dms., c.l..lb. .15⅝- —
l.c.l. ..lb. .16¼- —
tanks ..lb. .15½- —
yellow, distilled, dms., c.l...lb. .15⅝- —
l.c.l. ..lb. .15⅞- —
tanks ..lb. .14¼- —
Zone C, territory west of Zone B.
Glycine, medicinal, bbls., tins.lb. 1.25 - 1.30
Glycol borisorate, dms.....lb. .22 - —
Stearate, dms..lb. .26 - —
Gold of pleasure seed, bgs....lb. No stocks
Gold chloride, acid-brown, bots., oz.20.75 -21.00
acid-yellow, bots.....lb.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Goldenseal, root, bls.....lb. 7.00 - 7.50
powd., bxs..lb. 7.25 - 7.75
Grains of Paradise, bgs.....lb. .25 - .37
Graphite, conc., dom., crystalline, 80% through 50 mesh, carbon content, 65-70%, bgs., whse., works..lb. .04½- —
70-75% bgs., same basis..lb. .05 - —
75-80%, bgs, same basis..lb. .05½- —
80-85%, bgs., same basis..lb. .06 - —
85-90%, bgs., same basis..lb. .07 - —
90% and up, same basis..lb. .08 - —
Grease,[1,6] house, loose.....lb. .08¼- —
white, choice, loose.....lb. .08⅞- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thioflavin toner, tungstic, kgs., works..lb. 3.75 - —
molybdic, same basis.....lb. 3.25 - —

Green, chrome,[1,6] CP, dark, light, medium blue content up to 5%, bbls., dlvd., N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
11-15%, bbls., same basis.lb. .25 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis..lb. .06⅜- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08⅝- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10⅛- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .13 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis, lb. .19 - —
70%, bbls., same basis....lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.
Chrome oxide,[6] pure, dms., works..lb. .24 - —
Malachite,[1] thioflavin toner, tungstic, bbls., works..lb. 3.50 - —
molybdic, bbls., works..lb. 3.00 - —
Phthalocyanin,[1] green toner, tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.00 - —
emerald, kgs..lb. 2.60 - —
Verdigris (see V).
Green dyes (see Dyes, green).
Grindella robusta, bls.....lb. .18 - .28
Guaiac resin, cs..lb. .48 - .49
Wood, bls..lb. .05 - .06
Guaiacol, carbonate, fib. dms.lb. 2.40 - 2.74
liquid, dms..lb. 1.75 - 2.01
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
smaller lots..lb. .58 - .73½
Guarana, powd., cs.....lb. No prices
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber, sorts, bgs....lb. .11⅛- 12
white, sorts, 1, bgs.....lb. .28 - .80
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo, sorted, No. 30, bgs., c.l., ex dock or port, whse..lb. .55¾- —
31, bgs., same basis....lb. .21½- —
32, bgs., same basis....lb. .15⅝- —
33, bgs., same basis....lb. .14 - —
34, bgs., same basis....lb. .09¼- —

Gum, copal, Congo, sorted, No. 35, bgs., same basis....lb. .15⅞- —
36, bgs., same basis....lb. .12⅝- —
37, bgs., same basis....lb. .18½- —
38, bgs., same basis....lb. .12½- —
39, bgs., same basis....lb. .10⅝- —
40, bgs., same basis....lb. .08 - —
41, bgs., same basis....lb. .11⅝- —
unsorted, No. 1, bgs., same basis..lb. .14⅜- —
2, bgs., c.l., same basis..lb. .12⅝- —
3, bgs., c.l., same basis..lb. .11½- —
FAD, bgs., c.l., same basis.. lb .14⅜- —
Prices for l.c.l., ¼c. to ½c. higher than c.l.
East India,[1] batu, bold, scraped, bgs., c.l., same basis..lb. .10¼- —
unscraped, same basis..lb. .09 - —
chips, same basis....lb. .12 - —
dust, same basis....lb. .06½- —
nubs and chips, same basis.. lb. .06⅝- —
black, bold, scraped, bgs., ex dock or port, whse..lb. .12 - —
unscraped ..lb. .07⅛- —
nubs and chips, same basis..lb. .07⅛- —
pale, Hiroe-Macassar,[1] bold, bgs., c.l., same basis..lb. .17⅜- —
chips, same basis....lb. .11⅛- —
dust, same basis.....lb. .05½- —
nubs, same basis....lb. .13⅜- —
Singapore, Rasak, bold, bgs., same basis..lb. .22⅜- —
chips, same basis....lb. .11⅛- —
dust, same basis....lb. .05½- —
nubs, same basis....lb. .16⅜- —
Macassar,[1] dust, bgs., c.l., same basis..lb. .07⅜- —
MA, same basis.....lb. .09⅜- —
MB, same basis.....lb. .06¼- —
WS, bgs., same basis..lb. .11⅜- —
Manila, Boeas,[1] hard, bold, amber, light, bskts, c.l., same basis..lb. .18½- —
dark, light, same basis.. lb. .14½- —
white, same basis....lb. .15½- —
loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13⅜- —
C, same basis.....lb. .13⅜- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .12⅜- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08⅜- —
dust, same basis.....lb. .07⅛- —
MB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11⅜- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis. lb. .15½- —
dust, same basis.....lb. .07⅞- —
whse., entry point, c.l., lb. .08⅜- —
Philippine,[1] Manila, extra bold, pale scraped, bskts., same basis..lb. .15 - —
sorts, same basis.....lb. .12⅜- —
pale chips, bold, same basis. lb. .13 - —
nubs, WCB, same basis. lb. .13⅜- —
seeds, dust, same basis...lb. .08⅜- —
SG, same basis.....lb. .10½- —
small chips, same basis..lb. .11⅜- —
Pontianak, bold, scraped, bgs., c.l., same basis..lb. .23⅜- —
mixed, same basis.....lb. .17⅜- —
chips, small, same basis..lb. .12⅜- —
cuttings of split, same basis. lb. .19½- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher.

ENCO SOLICITS INQUIRIES
for
TARTARIC ACID
LACTIC ACID
CREAM OF TARTAR
BENZOATE OF SODA
ENCOLOID (SOYA LECITHIN)
BLEACHING POWDER
PHOSPHORIC ACID
CHLORATE OF POTASH
SAPONIN
ENCO CHEMICAL CORPORATION
FORMERLY NEUBERG CHEMICAL CORP.
441 LEXINGTON AVENUE • • NEW YORK 17, N. Y. MU-6-1990
NEUBERG CHEMICALS

Gum, dammar,[1] Batavia, A, cs., c.l., same basis..lb. .35½- —
A/C, same basis.....lb. .31½- —
A/D, same basis.....lb. .28½- —
A/E, same basis.....lb. .25½- —
B, same basis.....lb. .34½- —
C, same basis.....lb. .29½- —
D, same basis.....lb. .25½- —
E, same basis.....lb. .18½- —
F, same basis.....lb. .15½- —
dust, same basis.....lb. .13½- —
Singapore,[1] No. 1, cs., c.l..lb. .30½- —
2, bgs., same basis.....lb. .25 - —
No. 1, 3 bgs., same basis..lb. .12½- —
chips, cs., same basis.....lb. .23½- —
dust, bgs., same basis....lb. .13 - —
seeds, cs., same basis....lb. .17½- —

Gum dammar, l.c.l. prices, ¼c. to ¼c. higher.

Elemi,[1] cns., c.l., ex dock or port whse. entry port..lb. .09½- .09¾
Ester, ord., dms., c.l., dlvd., Ill., Ind., Ky., Mich., Mid.-Atl. states, N. England states, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va...lb. .09½- —
other points, dlvd.....lb. .10 - .11
l.c.l., dlvd. Ill., Ind., etc., lb. .09¾- .10
other points, dlvd.....lb. .10¼- .12
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Gualac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .18 - .40
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse.. lb. .18 - —
80%, same basis.....lb. .16 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis....lb. .34 - —
superior, same basis.....lb. .31 - —
higher.
No. 2, extra, same basis....lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis. lb. .20¾- —
extra, same basis.....lb. .25½- —
dust, pale, same basis....lb. .20¾- —
extra, No. 1, same basis..lb. .43 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
superior, No. 1, same basis.lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65¾- —
4x, same basis.....lb. .86 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ¼c.
Locust bean, powd., bbls...lb. .68 - .70
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .50 - .60
Olibanum, siftings, cs.....lb. .11½- .13
tears, cs.....lb. .18 - .30
Opium (see O).
Red (see Gum, Yacca).
Rosin (see R).
Sandarac,[1] cs.....lb. .09½- —
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 4.50 - 5.00
No. 2, cs.....lb. 4.00 - 4.50
No. 3, cs.....lb. 2.75 - 3.00
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered .....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.28.25 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.28.25 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Plaster of paris, paper bgs., c.l., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.. ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kansas, frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Akron, N.Y., Blue Rapids, Kan., Clarence Center, N. Y.; Fort Dodge, Ia., Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard, Okla.; Sweetwater, Texas: frt. equald..ton. 8.00 - —
Saltville, Va.....ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem River, N. Y..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla..ton.12.00 - —

H

Hawthorn berries, bgs.....lb. .60 - .65
Heliotropin, cryst., cns.....lb. 3.75 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. No stocks
Hematine, cryst., bbls., No. 1..lb. .34 - —
No. 2.....lb. .30 - —
No. 3.....lb. .28 - —
No. 4.....lb. .26 - —
No. 5.....lb. .24 - —
paste, bbls., No. 1.....lb. .14½- —
No. 2.....lb. .13½- —
No. 3.....lb. .12½- —
Hemlock bark extract,[3] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.20 - 1.25
Henna leaves, bls.....lb. .17 - .18
powd., bbls., bxs.....lb. .22 - .23
Heptane,[1] 56°-100° C., industrial grade, dms., c.l., Group 3, gal. .12¼- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10 - —
77°-115°, industrial, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10¼- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....lb. .29 - —
10 gals., Group 3....gal. .55 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[3] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots.....lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots.....lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3, gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3.....gal. .55 - —
Hexanol, dms., l.c.l., works...lb. .35 - —
Homatropine hydrobromide, bots. oz.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, Chicago..unit 4.50 - 4.75
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, bots.....oz.20.00 - —
Hydrochloride, bots.....oz.20.00 - —
Sulphate, bots.....oz.29.00 - —
Hydrastinine, 10 grs., bots....bot. 1.95 - —
Hydrastic (see Goldenseal).
Hydrofluramide, dms., fib., cns., works..lb. .30 - .40
Hydrogen peroxide,[6] USP, bbls., lb. .03¾- .04
100 vols., cbys., E. of Miss. River, West Coast via Panama Canal..lb. .15½- .18½
Hydroquinone, bbls., dms....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 8.50 - 9.00
dms., extra, ret'able, dlvd...lb. 4.50 - —
Hyoscine hydrobromide, bots., gram. 4.50 - —
Hyoscyamine, bots.....oz.20.00 -37.50
Hydrobromide, bots.....oz.20.00 -37.50
Sulphate, bots.....oz.20.00 -37.50
Hypernic, cryst., bbls., No. 1..lb. .42 - —
No. 2.....lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2.....lb. .16 - —

I

Icthammol, N. F., bots.....lb. 2.45 - 4.80
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.20
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.23.00 -24.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs., net.....lb. 1.28¾- —
resubl., 5-lb. bots., jars.....lb. 2.00 - 2.10
Iodoform, 100-lb. dms., kgs....lb. 3.95 - 4.10
jars .....lb. 4.20 - —
Ipecac[5] root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 80-90 mesh, bbls...lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd. .....lb. .40 - .50
Iron acetate, liquor, bbls., c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. .18 - —
solut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), tech., anhydr., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
Iron chloride, cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kgs., works, frt. alld. or equald..lb. .07½- .08
USP X, cryst., lump, bbls..lb. .07½- —
dms.....lb. .08½- —
solut., NF, cbys., works, frt. alld. or equald..lb. .06½- .07½
djns.....lb. .10 - —
Citrate, USP VIII, gran., dms.lb. .76 - .78
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls., 1,000-lb. lots..lb. 3.30 - —
100-lb. lots.....lb. 3.40 - —
cns., 25 lbs.....lb. 3.52 - —
Hyposulphite, bbls., dms.....lb. 1.50 - 1.52
Iodide, bots.....lb. 3.18 - 3.32
syrup, bots., cbys.....lb. .39 - .56
Naphthenate, 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, gran., dms.....lb. .83 - .85
powd., cns.....lb. .52 - —
kgs.....lb. .47 - .49
Oxide, black (see Black Iron oxide).
Phosphate, ferric, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate, 7.4% Fe, 100-lb. dms., lb. .17½- —
Sulphate, tech. (see Copperas and Ferric sulphate).
USP, cryst., bbls., dms.....lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10¼- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .33 - .38
scales, dms.....lb. .49 - .52
Oxalate,[4] bbls.....lb. .23½- —
dms., kgs.....lb. .25½- .26½

SLAM THE DOOR ON MOLD!

DOWICIDES CONTROL *Mold Decay Termites*

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Dowicide can be an important part of your plant protection force—standing as an ever vigilant guard at your doors to keep mold and decay out.

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Dowicide has proved its worth to the paint industry many times . . . in preventing any bacterial growth during processing . . . in increasing the mold resistance of the finished paint.

Dowicide is effective in practically every type of paint including water soluble and alkyd resin emulsion paints as well as oil paints. This effectiveness is retained even under conditions of high humidity such as exist in breweries, dairies, and similar locations.

Write for complete information on how to prevent the destructive inroads of mold.

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Dow

CHEMICALS INDISPENSABLE TO INDUSTRY AND VICTORY

Iron-soda oxalate, bbls., dms..lb. .22½- .26½
Isobornyl trichloroacetate, cbys., dms., extra, works..gal. 4.95 - —
Isobutyl acetate,[6] dms., works.lb. .0860- —
tanks, works.....lb. .0760- —
Propionate, dms., works.....lb. .102 - —
Isopentane, dms., works.....lb. .45 - .55
Isophorone, dms., works.....lb. .25 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate,[6] dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l., E. of Rockies, frt. alld..lb. .11½- .12
tanks, E. of Rockies, frt. alld. lb. .10 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .06 - —
l.c.l.....lb. .06¼- —
tanks.....lb. .04½- —
Isopropylamine, dms., works...lb .35 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .39 - .40
powd., bbls., bxs.....lb. .46 - .47
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs.....lb. .70 - .85

K

Kamala, tins.....lb. .40 - .45
Kaolin (see China clay)
Kava kava root, bls.....lb. .23 - .24
Kerosene at refinery:—
Ark., 41-43 w.w., bulk, tanks, gal. 04½- .04¾
Bayonne, 41-43 w.w., tank... gal. .071 - —
Gulf ports, 41-43 w.w., bulk, gal. .04¼- .04½
Kerosene, at refinery, Okla.-Texas, 42-44 w.w., tanks, gal. .04⅝- .04¾
Penn., 45 w.w., tanks....gal. .07½- .08
46 w.w., tanks.....gal. .07¾- .07⅝
47 w.w., tanks.....gal. .07⅝- .08
San Francisco, tanks.....gal. .11½- —
Kola nuts, bgs.....lb. .09 - .10

L

Lady slipper root, bls.....lb. 1.25 - 1.50
Lanolin (see Adeps lanae).
Lard,[1,5] pure, ref., trcs.....lb. .15-22½- —
Chicago .....lb. .1455- —
Larkspur seed, bgs.....lb. 3.25 - 3.50
Laurel berries, bls.....lb. .25 - .26
Laurel leaves, Cyprus, bls....lb. .30 - .31
Greek, bls.....lb. No stocks
Portuguese, bls.....lb. .18½- .19
Turkish, bls.....lb. .34 - .35
Lavender flowers, medium, bls.lb. .80 - —
ordinary, bls.....lb. .45 - .50
select, bls.....lb. .90 - .95
Lead,[1,2] (metal) (see paint market).
Acetate,[1] white, broken, bbls.lb. .12½- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13¼- —
Arsenate,[1,6] paste, standard, cns., c.l..lb. .05¾- .06
l.c.l. .....lb. .06 - .06½
powder, basic, 3-lb. bgs. or larger, c.l..lb. .11½- .12
l.c.l. .....lb. .12 - .12½
1-lb. ctns., c.l.....lb. .18½- .22½
l.c.l. .....lb. .19 - .23
standard, 3-lb. bgs. or larger, c.l..lb. .11 - .11½
l.c.l. .....lb. .11½- .12
1-lb. bgs., c.l.....lb. .16 - .20
l.c.l. .....lb. .16½- .20½
1-lb. ctns., c.l.....lb. .18 - .22
l.c.l. .....lb. .18½- .23½
Lead arsenate, powd., standard, ½-lb. ctns., c.l..lb. .21 - .25
l.c.l. .....lb. .21½- .25½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .07½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07⅝- —
l.c.l., dlvd. E.....lb. .07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .49 - —
Iodide, NF V, powd., bots..lb. 2.80 - —
jars .....lb. 2.69 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Metallic paste, works.....lb. .19¾- .21⅛
Naphthenate, 24%-30% Pb 50-gal. dms..lb. .14⅛- .17⅛
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17¾- —
Peroxide, powd., tech., bbls..lb. .23 - —
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
Lead, red, dry, 95% Pb_3O_4, bbls., l.c.l., 5 tons, dlvd. Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09¾- —
smaller lots, Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10⅝- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
97%, Pb_3O_4, bbls., c.l., dlvd. Ala.,etc..lb. .09½- —
other points.....lb. .09¾- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10¾- —
other points.....lb. .09⅝- —
smaller lots, dlvd. Ala. lb. .10¾- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10⅝- —
other points.....lb. .10½- —
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .09⅝- —
other points.....lb. .09½- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10⅝- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, dlvd. Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
in oil, 95% min., kgs.....lb. .14 - —
Resinate, precip., 23.3% Pb., 160-lb. dms..lb. .17½- —
Silicate, bgs.....lb. .0730- .0780
Soyate, 26.15% Pb. 50-gal. dms. lb. .22½- —
Stearate, bbls.....lb. .31 - .33
Sulphate (see Lead, white, basic sulphate).
Tallate, 16% Pb, 60-gal. dms. lb. .08½- —
Titanate, bgs., bbls., c.l., works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse..lb. .11½- —
smaller lots, E. frt. alld. lb. .11½- —
Pac. Cst., ex whse..lb. .11¾- —
White, basic carbonate, dry, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08½- —
dlvd., other points..lb. .08¼- —
l.c.l., dlvd. Ariz., etc..lb. .08¾- —
other points.....lb. .08½- —
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc..lb. .07½- —
other points.....lb. .07¼- —
l.c.l., dlvd. Ariz., etc..lb. .08 - —
other points.....lb. .07½- —
in oil, consumers, kgs.....lb. .13¼- .13⅝
dealers, 100-lb. kg.....lb. .11¼- .11½
painters, 100-lb. kg.....lb. .12¼- .12½
Lecithin, edible, dms., c.l.....lb. .25¼- —
l.c.l. .....lb. .26½- .45
in cocoa butter, dms., c.l....lb. .39½- —
l.c.l. .....lb. .40¾- .59
pure vegetable, bots., 100-lb. lots..lb. 2.75 - —
tech., dms., c.l.....lb. .25¼- —
l.c.l. .....lb. .26½- .45
Lemon peel, bls.....lb. .35 - .40
Licorice extract, mass, cns....lb. .26 - .72
powd., bbls.....lb. .60 - .88
root, natural, Indian, bls....lb. .08 - .09
powder, bbls.....lb. .14 - .15
Russian, bls.....lb. .08½- .09
Spanish, bls.....lb. .12 - .13
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.—
Adams, Mass.....ton. 8.00 - —
Annville, Pa.....ton. 7.50 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
San Francisco, Cal...ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 9.00 - —
hydrated, paper bags, f.o.b. Adams, Mass..ton. 9.00 - —
Annville, Pa.....ton. 9.00 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 9.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 9.00 - —
Hannibal, Mo.....ton. 9.00 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D...ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 9.00 - —
York, Pa.....ton. 9.00 - —
spray, paper bgs., f.o.b. Adams, Mass..ton. 9.50 - —
Annville, Pa.....ton. 9.50 - —
Bellefonte, Pa.....ton. 9.50 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton.10.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 9.00 - —
Marblehead, Ohio....ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.50 - —
Lime salts (see Calcium).
Lime-ammonia-nitrogen,[6] 20.5% N, bgs., works..ton. No stocks
Linalool, cns.....lb. 6.75 - 7.00
Linalyl acetate, cns.....lb. 3.25 - 8.75
Linden flowers with leaves, bls.. lb. .95 - 1.00

TIO OIL TIO OIL TIO OIL TIO

Looking for a Fast-Bodying Oil?

Look into

TIO OIL

The New "Activated" Linseed Oil

NO oil can fit *all* formulations and product price requirements. "Seven-Ten" doesn't claim to. But one thing is sure: With Tung, Perilla and other oils on the unobtainable or scarce list, you are overlooking a good bet if you don't try this new, fast-bodying oil which is being so favorably received all around.

Seven-Ten Oil is not only available but it comes in V, Z3 and 10-M viscosities, with the following typical characteristics and properties:

	Viscosity V	Viscosity Z3	Viscosity 10-M
Viscosity in Poises	9	46	600
Specific Gravity—15.5° C.	.9675	.9695	.9750
Weight per gal. (lbs.)	8.01	8.03	8.07
Gallons per lb.	.1248	.1245	.1239
Acid Number	12	14	16
Iodine Number	143	134	110
Refractive Index	1.4881	1.4910	1.4918
Color (G)	14	14	15
Gel Time at 565° F.	99 Min.	55 Min.	20 Min.

The above gel times give a good idea of the bodying rates of Seven-Ten Oil. The time-saving feature of this oil is shown further by the following direct comparison made with linseed oil of Z2 viscosity in processing batches of ester gum general purpose varnishes.

Base Oil	Processing Time	Varnish Visc. (G-H)
TIO OIL, V	90 min.	U
TIO OIL, Z3	62 min.	W-
TIO OIL, 10-M	24 min.	X
Linseed Oil, Z2	114 min.	V

In each case, ester gum was heated with 80 gallons of the base oil to 600° F and held for a hot paddle string, checked with 20 gallons base oil, and thinned to 66% non-volatile.

"Seven-Ten is *all* linseed oil—it contains no other rapid bodying oils or special resin. Fast-bodying, quick-setting, hard through drying, requiring no unusual technique or special equipment in handling, it is proving very attractive to manufacturers of varnishes, flats and enamels.

For complete information and test samples, address nearest branch office.

NATIONAL LEAD COMPANY

New York, Buffalo, Chicago, Cincinnati, Cleveland, St. Louis, San Francisco, Boston (National-Boston Lead Co.), Pittsburgh (National Lead & Oil Co. of Penna.), Philadelphia (John T. Lewis & Brothers Co.)

Linseed meal,[2] 34%, bulk, c.l.ton.45.00 - —
13%, bulk, c.l.....ton.43.00 - —

Litharge, com'l powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash..lb. .08¼ -
other points.....lb. .08 -
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08¾ -
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼ -
Colo., Mont., N. Mex., Wyo..lb. .09 -
Other points.....lb. .08½ -
smaller lots, dlvd., Ala., etc..lb. .09¾ -
Ariz., etc.....lb. .09¾ -
Colo., etc.....lb. .09½ -
Other points.....lb. .09 -

Lithium[4] bromide, bbls., 100 lbs., works, frt. equald..lb. 1.90 -
smaller lots, works.....lb. 1.92 - 1.95
Carbonate, NF, 250-lb. bbls., kgs..lb. 1.25 - 1.30
Chloride, jars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs.....lb. 1.40 - 1.45
Fluoride, bbls.....lb. 2.45 - 2.60
Hydroxide, jars.....lb. 1.25 - 1.40
Iodide, 5-lb. bots.....lb. 5.20 -
25-lb. jars.....lb. 5.05 -
Stearate, fib. dms., 3 tons, works.....lb. .50 -

Lithopone,[1] ordinary, bgs. (20 tons)..lb. .04¼ -
smaller lots.....lb. .04½ -
bbls., c.l. (20 tons).....lb. .04½ -
smaller lots.....lb. .04¾ -
titanate,[6] (high-strength), bgs., c.l..lb. .0560 -
smaller lots.....lb. .0585 -
bbls., c.l.....lb. .0585 -
smaller lots.....lb. .0610 -
Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher; l.c.l., ex whse. Pac. Cst., ½c. higher.

Liverwort leaves, bls.....lb. .70 - .75
Lobelia herb, bls.....lb. .43 - .48
Lobelia sulphate, bots., wks..oz.25.50 -38.00
Logwood, cryst., No. 1, bbls...lb. .28 -
No. 2, bbls.....lb. .26 -
extract, liquid, No. 1, bbls..lb. .14 -
No. 2, bbls.....lb. .13 -
No. 3, bbls.....lb. .12½ -
No. 4, bbls.....lb. .10 -
solid, No. 1, bxs.....lb. .23½ -
No. 2, bxs.....lb. .21½ -
Lovage root, dom., bls.....lb. .50 Nom.
Lupulin, NF, tins.....lb. 7.00 -10.00
Lycopodium, USP, cs.....lb. 2.90 - 3.00

M

Mace,[1] Amboyna, cs.....lb. .77 - .78
Banda, cs.....lb. .98 Nom.
West Indian, bgs.....lb. .62 - .63
broken, bgs.....lb. .55 - .56
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[3,6] dms...lb. .153 - .16
Calcined, tech., USP, bbls., works..lb. .26 -
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼ -
bbls.....lb. .07½ -
kgs.....lb. .08¾ -
l.c.l., bgs.....lb. .07½ -
bbls.....lb. .08½ -
kgs.....lb. .09¾ -
2, c.l., bgs.....lb. .06¼ -
bbls.....lb. .07½ -
kgs.....lb. .08¾ -
l.c.l., bgs.....lb. .07 -
bbls.....lb. .08¼ -
kgs.....lb. .09½ -
USP, Zone 1, c.l., bgs.....lb. .08 -
bbls.....lb. .06¼ -
kgs.....lb. .09¾ -
l.c.l., bgs.....lb. .09 -
bbls.....lb. .09½ -
kgs.....lb. .10¾ -
Zone 2, c.l., bgs.....lb. .06¼ -
bbls.....lb. .06½ -
kgs.....lb. .09¾ -
l.c.l., bgs.....lb. .08¼ -
bbls.....lb. .09¼ -
kgs.....lb. .10½ -
Magnesia carbonate:—Zone 1—Conn., Del., D. of C., Md., Mass., N. J., N. Y., Pa. and R. I. Zone 2—Balance of U. S. Frt. alld. Phillipsburg, Plymouth Meeting and Valley Forge. Freight allowed on l.c.l. incl., dlvd. storedoor.
Chloride, anhyd., bbls., dlvd.lb. .13 -
flake, bbls., c.l., works...ton.32.00 -
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .40 - .50
Hydroxide, med., bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 -
Laurate, bbls.....lb. .33 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls. lb. .60 -
Silicate (see Talc).
Silicofluoride, bbls.....lb. .08 - .09
Stearate, bbls.....lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. containers..lb. .37 -
smaller lots, dms.....lb. .42 -
Magnesite, cal., powd., bags, f.o.b. mines, Calif..ton.58.75 -
dead-burned,[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -32.00
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. No stocks
Leaves, bls.....lb. .40 - .55
Manaca root, bls.....lb. .24 - .25
Mandrake root, bls.....lb. .23 - .26
Manganese acetate, dms.....lb. .25¾ -
Arsenate,[6] bgs.....lb. .12 - .12¾
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .19 -
Chloride, anhyd., bbls.....lb. .15 - .18
Dioxide, African, battery, 84-87%, bbls., 25-40 tons, works ton.74.00 -
5-15 tons, works..ton.77.00 -
smaller lots, works..ton.82.00 -
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 -
l.c.l., 5 tons, works..ton.77.00 -
smaller lots, works..ton.82.00 -
burlap bgs., c.l., works. ton.71.75 -
l.c.l., 5 tons, works..ton.74.75 -
smaller lots, works..ton.79.75 -
85-90%, paper bgs., c.l., works..ton.70.00 -
l.c.l., 5 tons, works..ton.73.00 -
Glycerophosphate, bgs., bbls., 1,000-lb. lots..lb. 3.05 -
100-lb. lots.....lb. 3.15 -
cns., 25 lbs.....lb. 3.27 -
Hydrate, bbls., dlvd.....lb. .26 -
Iodide, bots., 5 lbs.....lb. 5.70 -
jars, 25 lbs.....lb. 5.55 -
Linoleate, liquid, 4%, dms...lb. .20 -
solid, precip., 8.2%, bbls...lb. .22 -
Naphthenate, 6% Mn, 50-gal. dms..gal. .16 -
Resinate, fused, 3¼%, bbls..lb. .09 - .10½
precip., dms.....lb. .14½ - .15½

Magnesia soyate, 8.2% Mn, 50-gal. dms..lb. .22 - —
Sulphate, anhyd., dms., works. lb. No stocks
feed grade, 77-80%, bgs....lb. .04 - .05
fertilizer, 65%, $MnSO_4$, bgs., c.l., dlvd. East..ton.59.50 -
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati..ton.68.50 -
industrial grade, 80%, $MnSO_4$, bgs..lb. .05 - .05¼
Tallate, 4% Mn, 50-gal. dms..lb. .09 -
Mangrove bark, E. Afr., if and when available, bgs., based on freight $18, insurance $1 per ton. Any difference for buyers' account.....ton.70.00 -
Manna flake, cs.....lb. No stocks
Mannitol,[6] com'l grade, bbls., works..lb. .35 - .40
reagent grade, 50-lb. cs. or multiples, works..lb. .85 -
Manure, sheep, bgs., c.l., Midwest shipping points..ton.14.50 -20.00
kiln-dried, bgs., c.l., f.o.b. Chicago..ton.17.50 -25.00
Marjoram, Argentine, bls.....lb. .29 - .30
California, French type, bls., f.o.b. Pacific Coast..lb. .86 - .87
Chilean, bls.....lb. .33 - .33½
Portuguese, wild, bls.....lb. .30 - .31
Matico leaves, bls.....lb. .22 - .29
Menthol,[1] natural, Brazilian, cs., 500 lbs...lb.16.50 -
smaller lots.....lb.16.75 -16.90
synthetic, USP, cs.....lb.13.00 -
technical .....lb. 6.00 - 6.50
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10% tubs..lb. .70 - .72
30%, pails.....lb. 1.19 - 1.21
50,% pails.....lb. 1.54 - 1.56

Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride[2] (see Corrosive sublimate).
Bisulphate,[3] dms.....lb. 2.15 - 2.17
Chloride,[3] (see Calomel).
Cyanide,[3] cryst., powd.....lb. 3.34 -
Iodide,[3] red, NF, dms., kgs.lb. 3.90 -
yellow, fib. dms., kgs.....lb. 4.00 -
Nitrate ointment (see Citrine ointment).
Oxide,[3] NF (see Red precipitate).
tech. (see Red, mercury oxide)
yellow, NF VI, fib. dms..lb. 2.34 - 2.36
red,[2] NF (see Red, precipitate).
tech. (see Yellow, mercury oxide).
Mercury and chalk,[3] 5-lb. ctns.lb. 1.49 - 1.54
dms.....lb. 1.42 - 1.44
Mesityl oxide, dms., c.l., dlvd..lb. .11½ -
l.c.l., dlvd.....lb. .12 -
tanks.....lb. .10½ -
Metal leaf, composition, 5½x5½ in..pkg. 3.00 -
Gold X+, deep, 23, 3⅜x3⅜ in. pkg.15.00 -
Silver, 3⅜x3⅜ in.....pkg. 3.00 -
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 -
Metatoluylenediamine, kgs.....lb. .70 -
Methanol,[1,6] natural, all grades, dms., c.l., E. of Miss. R. gal. .63 - .66
l.c.l., same basis.....gal. .73 - .76
tanks, same basis.....gal. .60 -
Inside prices on natural methanol are drums extra; outside drums included. Prices W. of Miss. R. 3c. higher.
synthetic,[3,6] dms., c.l., Zone 1, frt. alld..gal. .31 -
2, frt. alld. or dlvd..gal. .34 -
3, frt. alld.....gal. .38 -
4, frt. alld.....gal. .38 -
l.c.l., Zone 1, frt. alld. or dlvd..gal. .36 -
2, frt. alld.....gal. .43 -

Methanol, synth., dms., l.c.l., zone 3, dlvd. S. F. and L. A..gal. .41 -
4, frt. alld. or dlvd...gal. .51½ -
tanks, Zone 1, frt. alld...gal. .24 -
2, frt. alld.....gal. .27 -
3, frt. alld.....gal. .29 -
4, frt. alld.....gal. .29 -
Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in Zone 4 have the option of buying at the delivered Zone 4 price or at the Zone 3 price, f.o.b. Los Angeles and San Francisco.
Methyl abietate, dms., c.l., dlvd. lb. .0722 -
l.c.l., 10-dm. lots, dlvd...lb. .0647 -
single dms., dlvd.....lb. .0647 -
smaller cont., dlvd.....lb. .1447 -
hydrogenated, dms., c.l., dlvd. lb. .1122 -
l.c.l., 10-dm. lots, dlvd...lb. .1247 -
single dms., dlvd.....lb. .1247 -
smaller cont., dlvd.....lb. .1847 -
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½ - .12
W. of Miss.....lb. .11½ - .13
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½ -
W. of Miss.....lb. .10½ -
tech., dms., c.l., E. of Miss. lb. .07 - .09
W. of Miss.....lb. .08 -
l.c.l., E. of Miss.....lb. .07½ - .11
W. of Miss.....lb. .08½ - .10¼
tanks, E. of Miss.....lb. .06 -
W. of Miss.....lb. .07 -

LOOKING FOR THE

Right Protective Packaging

FOR YOUR NEW POSTWAR PRODUCT?

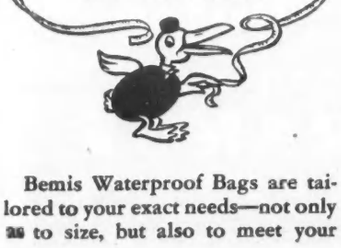
When your new product for the big postwar market is ready, you'll need the right package.

IF your product is in pulverized, powdered, granular, pebble, crystal or lump form, and . . .

IF it must be protected against moisture loss or absorption, loss of aroma, absorption of odors, dirt, sifting or contamination . . .

Chances are your product should be packed in a Bemis Waterproof Bag.

For years Bemis Waterproof Bags have been widely used for crude and processed products of many kinds, such as chemicals, animal, poultry and human foods, fertilizers, etc. The host of pending new products will multiply their field of usefulness.



Bemis Waterproof Bags are tailored to your exact needs—not only as to size, but also to meet your product requirements. The tough, closely woven outer fabric is bonded, with special adhesives, to one or more layers of paper in order to produce the ideal shipping container for your product.

The Bemis Shipping Research Laboratory is your assurance that the right specifications will be determined and that the components of the bag will always meet those specifications. As a preliminary step why not send the coupon today for the booklet—"A Guide to More Efficient Shipping." Then, if you wish, one of our representatives will, without obligation, call on you to discuss your packaging requirements.

Every dollar you save is reflected in your balance sheet . . . and using Bemis Waterproof Bags will save many dollars for you.

In the first place, they cost less than other containers providing comparable protection. Then, they save storage space either when filled or empty. And there's economy in the lower shipping weight.

Thrifty? Man, you said it!

WATERPROOF DEPARTMENT

BEMIS BRO. BAG CO.

ST. LOUIS · BROOKLYN

BEMIS BRO. BAG CO., 408-A Pine St., St. Louis 2, Mo.;
5122 Second Ave., Brooklyn, N. Y.

Please send your special booklet, "A Guide to More Efficient Shipping," and details about use of Bemis Waterproof Bags for _____ (PRODUCT)

Firm Name _____

Street Address _____

City _____ *State* _____

Mark for the attention of _____

Methyl acetoacetate, dms., c.l., works, frt. alld..gal. .29½ - —
Acetone, natural, Group A, dms., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis.....gal. .76 - —
tanks, same basis.....gal. .60 - —
Natural methyl acetone quoted dms., included by Group A. Prices W. of Miss. R., 3c. per gal. higher.
Group B, dms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis. gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis. gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .34½ - —

Natural methyl acetone quoted drums extra by Group B. Sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

synthetic, dms., c.l., Zone 1, gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½ - —
Zone 4.....gal. .54½ - —
l.c.l., Zone 1.....gal. .54½ - —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½ - —

Methyl acetone, synth., tanks, Zone 1..gal. .43 - —
Zone 2.....gal. .44½ - —
Zone 4.....gal. .45½ - —
Zone 4.....gal. .45½ - —

Synthetic methyl acetone sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Alcohol (see Methanol).
Anthranilate, 100-lb. lots....lb. 2.20 - 2.50
25-lb. lots, bots.....lb. 2.25 - 2.65
Benzoate,[6] ctns.....lb. .70 - 1.10
Bromide, cns.....lb. .75 - .80
cyls.....lb. .95 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., cyl. mach. mfrs. and jobbers..lb. .36 - —
service men and consumers. lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers. lb. .35 - —

Methyl chloride quotations are spot or contract, ship. point. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders, uniformly 10c. per pound higher.

Cinnamate, cns.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Methyl lactate, dms., c.l., dlvd., lb. .70 - —
Iodide, bots.....lb. 4.00 - 4.15
Salicylate,[1] 500-lb. dms.....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, dms., cns., works..lb. .25 - .28
Methylcellulose, specl., vis. (4,000 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld.lb. .65 - —
1 to 99 lbs., works.....lb. .70 - —
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
100 to 1,999 lbs., frt. alld. lb. .58 - —
1 to 99 lbs., works.....lb. .63 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, medicinal, kgs. 100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone,[6] dms., E. of Rocky Mts..lb. .09 - —
l.c.l., same basis.....lb. .09½ - —
tanks, same basis.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone,[6] dms., c.l., dlvd..lb. .12½ - —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11½ - —
Methylnaphthyl ketone, cryst., cns..lb. 3.00 - 3.10
Methylpentanediol, com'l, dms., l.c.l., works..lb. .20 - —

Mica, dry grd.,[1] roofing, white, 20 mesh, bgs., c.l., f.o.b. works..ton.27.50 - —
l.c.l. .....ton.32.50 - —
30-31 mesh, bgs., c.l..ton.27.50 - —
l.c.l. .....ton.32.50 - —
40-45 mesh, bgs., c.l..ton.27.50 - —
l.c.l. .....ton.32.50 - —
80 mesh, bgs., c.l.....ton.35.00 - —
l.c.l. .....ton.38.00 - —
paint, plastic, 100 mesh, c.l., bgs..ton.40.00 - —
l.c.l. .....ton.43.50 - —
wet-grd.,[1] biotite, c.l., bgs..lb. .03¾ - —
l.c.l. .....lb. .04¼ - —
1,000 mesh, bgs., c.l.....lb. .03¾ - —
l.c.l. .....lb. .04¼ - —
white, 1,000 mesh, bgs., c.l.. lb. .03¾ - —
l.c.l. .....lb. .04¼ - —
paint or lacq., c.l., bgs....lb. .04¾ - —
l.c.l. .....lb. .05¼ - —
paper, bgs., c.l.....lb. .04¾ - —
l.c.l. .....lb. .05¼ - —
rubber, c.l., bgs.....lb. .04½ - —
l.c.l. .....lb. .05 - —
wallpaper, bgs., c.l.....lb. .04¾ - —
l.c.l. .....lb. .05¼ - —

Mica, dry grd., quoted works; wet grd. and 1,000-mesh mica in carload lots is frt. alld. E.; less carload lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per lb. higher W. of Miss. R. and 1c. per lb. higher W. of Rockies.

Milk powder, skimmed,[1] roller, bulk, Zone A, bbls..lb. .12½ - —
Zone B.....lb. .12¾ - —
spray, bbls., bulk, Zone A..lb. .14½ - —
Zone B.....lb. .14¾ - —

Milk powder Zones are:—Zone A, all States not included in Zone B. Zone B, Conn., Del., D. C., Mass., Md., Me., N. J., N. H., N. Y., Pa., R. I. and Vt.

whole, roller, bbls.....lb. .35 - —
spray, bbls.....lb. .36 - —
Sugar,[1] bbls., c.l., works....lb. .26 - —
l.c.l., works.....lb. .26¾ - .27¼
Mineral spirits (see Petroleum, mineral spirits)
Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2, same basis....gal. .18½ - —
Area 3, same basis....ton.26.00 - —
Area 4, same basis....ton.29.00 - —
Area 5, same basis....ton.34.60 - —

Note—Area No. 1, Fla., Ga., La., Tex., Area No. 2, Mass., Md., N. J., N. Y.; Area No. 3, Calif.; Area No. 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area No. 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[6] pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., works.....lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., works..lb. .61 - —
l.c.l., works.....lb. .64 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., works..lb. .48 - —
l.c.l., works.....lb. .51 - —
Monochlorobenzene, dms., c.l..lb. .03½ - —
l.c.l. .....lb. .07 - .09
tanks .....lb. .05 - —
Monoethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24½ - —
l.c.l., dms., same basis....lb. .25½ - —
tanks, same basis.....lb. .23½ - —
Monoethylamine, basis 100%, dms., c.l., works..lb. .43 - —
l.c.l., works.....lb. .46 - —
Monoethylanilin, dms.....lb. .47 - —
Monomethyl para-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monomethylamine, dms.....lb. .65 - —
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz. 11.10 - —
cns., 25 ozs.....oz. 10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromine, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, 5 oz. bots....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works....lb. .12 - .13
Mullein leaves, cns.....lb. .75 - —
Musk, nat., Tonquin, grains, bots. oz. 40.00 - 45.00
synth., ambretta, cns., 100 lbs. or more..lb. 4.00 - 9.00
25 lbs. to 75 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more. lb. 4.15 - 9.25
25 lbs. to 75 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more. lb. 1.40 - 2.05
25 lbs. to 75 lbs.....lb. 1.50 - 2.00
5 lbs.....lb. 1.65 - 2.20
Musk root, bls.....lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs. lb. .16½ - .17
Montana, yellow, bgs.....lb. .12 - .12½
Washington, yellow, bgs....lb. .12 - .12½
Myrobalans,[6] J1, whole, bgs., frt. guar., insurance, $1. Any difference for buyers' account. ton.70.00 - —
crushed, same basis.....ton.75.00 - —
J2, whole, bgs., same basis... ton.58.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see 3).
Naphthalene,[2,6] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis..lb. .031 - —
tanks, same basis.....lb. .0275 - —
Naphthalene, crude, dom., 78°, bgs., c.l., same basis..lb. .0325 - —
bbls., c.l., same basis...lb. .0335 - —
tanks, same basis.....lb. .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis....lb. .08¼ - —
1-lb. pkgs., same basis...lb. .09¾ - —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nepheline syenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N.Y..ton.15.50 - —

Nepheline syenite in bgs. is priced $2 per ton above the bulk quotations.

Nerolin, cryst., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[2,6] carbonate, bbls.....lb. .36 - .36½
Chloride,[6] bbls.....lb. .18 - .20
Cyanide,[6] bots., dms.....lb. No stocks
Oxide,[2,6] black, bbls.....lb. .35 - .38
Salt,[2,6] bbls.....lb. .18 - .18½
Nicotine, sulphate, 40%, dms., 50 lbs..lb. .7050 - —
tins, 10 lbs.....lb. .90 - —

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With Freshest Flavor
And Truest Aroma!
Orange Oil is our business, and EXCHANGE Brand is your assurance of matchless flavor, freshness, and uniformity — your benefit of over 20 years of our experience in satisfying the requirements of American users.
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U. S. P.

Nicotinamide,[6] dms.....kilo.13.25 -13.55
Niketham ide, bots., cbys.....lb.18.00 -19.00
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works. lb. .26 - —
5-7, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works..lb. .26 - —
Nitrocellulose, ester-soluble, 5-7, 15-20 cps. and higher, bbls., dry weight, l.c.l., works..lb. .25 - —
Nitrocellulose:—Denatured alcohol in manufacture is charged extra. A used Barrels extra, but returnable.
Nitroethane, dms., l.c.l., wks..lb. .25 - —
Nitrogen, solut.,[6] tanks...ton N.108.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis, Hopewell, Va.
Nitrogenous process tankage,[1] bulk, works.....unit-ton. 3.15 - 3.50
sewage sludge,[1] bulk, works, unit-ton. 2.60 + .40- 3.00 + .40
Nitromethane, dms., l.c.l., works, lb. .25 - —
Nitronaphthalene, bols.....lb. .24 - .26
Nitropropane 1, dms., works..lb. .25 - —
II, dms., same basis.....lb. .25 - —
Nutgalls,[6] Aleppo, bgs.....lb. .44 - .45
Chinese .....lb. .39 - .40
Nutmegs,[1] E. I., grinding, bgs., lb. .45 - .46
100's, bgs.....lb. .47 - .48
West Indian, No. 1, bgs.....lb. .34 - .34½
Nux vomica, bls.....lb. .09 - .11
powder, bbls., bxs.....lb. .12 - .18

O

Oakbark extract,[1,6] 25% tan., bbls., c.l., works..lb. No stocks
Ocher (see Yellow).
Octane,[1] 100-140° C., industrial grade, dms., c.l., G.S..gal. .15½- —
l.c.l., G.S.....gal. .20 - —
10 gals., G.S.....gal. .55 - —
tanks, G.S.....gal. .13 - —
Octanol, normal,[6] tech., 300-lb. dms., dlvd..lb. .85 - —
Oil, almond, bitter, artl. (see Benzaldehyde).
bitter, F.P.A.....lb. No stocks
natural, USP, bots.....lb. Nominal
sweet, exp., dms., cns.....lb. 1.50 - 1.60
Angelica root, bots.....lb.140.00-150.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, USP, cns., dms.....lb. No stocks
Apricot kernel, cns.....lb. .45 - .55
Avocado, cns., dms.....lb. 1.05 - 1.25
Babassu,[1,6] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.45 - 1.65
Puerto Rican, 53-60%, cns..lb. 1.55 - 1.75
Bergamot, artif., cns.....lb. 2.25 - 9.85
natural, Italian, coppers...lb.25.00 Nom.
Brazilian, cns.....lb.10.00 -10.25
Birch (see Oil, sweet birch).
Birchtar, crude.....lb. 2.00 Nom.
rectified, cns.....lb. 3.00 Nom.
Bois de Rose, Brazil, cns...lb. 4.75 Nom.
Mexican (see Ignalue wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. 1.65 - 2.25
redistilled, USP X, cns....lb. 2.00 - 2.50
Calamus, cns.....lb.22.50 -25.00
Camphor, sassafrassy, cns..lb. No stocks
white, cns.....lb. No stocks
Cananga, native, cns.....lb.11.75 -12.00
rectified, cns.....lb.13.25 -14.00
Capsicum (oleoresin), USP VII, cns..lb. 4.50 - 4.65
Caraway, USP, cns.....lb.22.00 -24.00
Cardamom, bots.....lb.19.00 -21.00
Cassia, USP, cns.....lb.12.00 Nom.
Castor,[1] blown, dms., returnable, c.l..lb. .15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls.,c.l.lb. .14 - —
cns. .....lb. .15¾- .17¾
dms., returnable, c.l....lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehyd., bodied, dms., c.l....lb. .1790- —
l.c.l. .....lb. .1830- —
tanks .....lb. .1750- —
unbodied, dms., c.l.....lb. .1690- —
l.c.l. .....lb. .1730- —
tanks .....lb. .1650- —
No. 3, tech., bbls., c.l.....lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms., returnable, c.l....lb. .13½- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (48% fat), dms., c.l..lb. .10 - —
l.c.l. .....lb. .11 - —
75% (63% fat), dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13¼- —
80% (68% fat), dms., c.l..lb. .13¼- —
l.c.l. .....lb. .14¼- —
Cedarleaf,[1] cns., dms.....lb. 2.65 - 2.80
Cedarwood, dms.....lb. 1.00 - 1.25
Celery, bots.....lb.19.50 -22.00
Chaulmoogra, USP, cns.....lb. .70 - .75
Chinawood, (see Oil, tung).
Cinnamon bark oil, bots.....lb.36.00 -40.00
leaf oil, dms .....lb. 1.50 - 1.85
Citronella, Ceylon, cns.....lb. .95 - 1.00
Java, cns.....lb. No stocks
Clove, USP, cns.....lb. 1.75 - 1.80
Coconut,[1,6] Manila, crude, bulk, c.l.f., N. Y..lb. .0835- —
ret. dms.....lb. .0885- .0985
edible, ex tax dms.....lb. .0985- —
Cod, Newfoundland, dms..gal. .83 - —
tankcar .....gal. .83 - .85
Codliver,[5] med., USP, bbls., dms..gal. 2.35 - 2.50
Coriander, bots.....lb.23.50 -35.00
Corn,[1,6] crude, tanks, works.lb. .12¾- —
edible, dms., l.c.l.....lb. .16¼- .16½
tanks .....lb. .1502- —
foots, acid 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks dlvd. E..lb. .03¼- —
Cottonseed,[1,6] cooking, l.c.l., ret. dms..lb. .16¼- —
foots, acid, 95%, tankcar, dlvd. E..lb. .07¾- —
raw, 50%, tankcar, dlvd. E.. lb. .03¾- —
salad, l.c.l., ret. dms.....lb. .16½- —
Creosote (see C).
Croton, NF, cns.....lb. 3.00 - 4.00
Cubeb, USP, cns.....lb. No prices.
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.00 -10.00
Cypress, bots.....lb.12.00 - —
Degras (see D).
Dillseed, bots.....lb.10.00 Nom.
weed, bots.....lb. 4.75 - 5.00
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, cns.....lb. 1.20 Nom.
Fennel, sweet, cns.....lb. 4.50 Nom.
Fir, Canada, cns.....lb. 2.00 - 2.75
Fishliver,[1,5] dms., less than 40,000 A units per gram..... per million units. .14 - —
Oil, fishliver, for each 1,000 additional A units up to 200,000 per gram.... per million units. .001 - —
200,000 or more A units .... per million units. .30 - —
Fuel (see Petroleum, fuel oil),
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, cns....lb.13.00 -15.75
Bourbon, cns.....lb.13.50 -14.00
Russian, cns.....lb.15.50 - —
Turkish (see Oil, palmarosa).
Grapefruit, cns.....lb. 2.00 - 2.10
Ginger, dist., bots.....lb.20.00 -22.50
Hemlock, cns.....lb. 2.65 - 3.34
Juniper berry, cns.....lb.15.00 -16.00
wood, tecn., cns.....lb. 1.00 - 1.25
Juniper tar, USP, dms.....lb. 1.00 - 1.30
Lard,[6] common, 1 bbl.....lb. .14 - —
extra, No. 1, bbls.....lb. .14½- —
Winter, strained, bbls...lb. .15 - —
prime, burning, bbls.....lb. .16 - —
ined, bbls. .....lb. .15½- —
Laurel, bots.....lb. No prices
Lavender flower, French, cns., lb. 8.50 -16.00
Russian, cns. .....lb.11.00 -11.50
garden, cns. .....lb. .55 - .75
spike, Spanish, pure, cns..lb. 3.50 - 4.00
tech., cns. .....lb. 2.75 - 3.00
Levandin, cns., 25 lbs.....lb. 3.00 - —
Lemon, Calif., cns.....lb. 3.25 - —
Messina, cns.....lb. 3.25 - —
Terpeneless .....lb.25.00 -50.00
Lemongrass, cns., dms.....lb. 1.50 - 1.60
Lignaloe wood, Brazilian (see Bois de Rose).
Mexican, seed, cns.....lb. No stocks.
wood, cns. .....lb. 3.20 - 3.25
Lime, dist., Jamaica, cns....lb. 6.50 - 7.50
Mexican, cns. .....lb. 6.00 - 6.50
expressed, Jamaica, cns...lb.11.00 -12.50
Linseed, raw, dms., c.l.....lb. .1510- —
l.c.l. .....lb. .1550- .1610
tankcar .....lb. .1470- —
tankwagon .....lb. .1470- —
Boiled linseed oil, .004 over raw.
Oil, linseed replacem't, dms. ret. lb. .1310- .1510
tankcar .....lb. .1270- .1470
Lubricating,[1] at refinery, extax, California, neutrals, pale, 200-800 vis., 2¼-4 pour, tanks..gal. .07¾- .11
red, 200-900 vis., 4-6½ pour, plus tanks..gal. .07¾- .11¼
Group 3, bright stock, 150-160 vis., 0-25 pour, tanks, gal. .25 - —
300 vis., No. 3 col., 0-10 pour, tanks..gal. .14½- .18
200-280 vis., No. 3 col., 15-25 pour, tanks..gal. .15 - .17½
140-150 vis., No. 8 color, 10-25 poor, tanks..gal. .24 - .30
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-630 steam ref'd, tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 0-25 pour, tanks..gal. .29 - .31
200 vis., 0-25 pour, tanks..gal. .31 - .32
Mace, dist., cns., dms.....lb. 5.00 - 5.25
Mandarin, Brazilian, cns....lb. 8.75 - 9.00
Italian, coppers.....lb. No stocks
Menhaden,[1,5] crude, tanks, Balto..lb. .089 - —
light-pressed, ret. dms....lb. .1260- —
tanks .....lb. .1180- —
ref'd, alkali, ret. dms....lb. .1360- —
kettle-boiled, ret. dms....lb. .1460- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. No stocks
Mustard seed,[6] exp., dms....lb. .14¾- —
Neatsfoot, 15°, c.l., bbls....gal. 1.90 - —
20°, c.l., bbls.....gal. 1.80 - —
30°, c.l., bbls.....gal. 1.60 - —
pure, bbls. .....lb. .18¼ Nom.
Neroli, bots.....lb.220.00 -275.00
Haitian, dms .....lb.240 00 - —
Nutmeg, dist., cns., dms.....lb. 5.00 - 5.25
Oil, oiticica,[1] liquid, dms.....lb. .20¾- .20½
tanks .....lb. No stocks
Oleo,[6] 1, bbls.....lb. .13¾ Nom.
Olibanum, bots. .....lb. 5.00 - —
Olive, denat., dms.....gal. No stocks.
edible,[1] Calif., ¾%-3% f.f.a., dms..gal. 4.30 - 4.80
imported, dms.....gal. No stocks.
foots, dms. .....lb. No stocks.
sulphonated, 50% (40% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
80% (68% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
85% (69% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
Orange, sweet, dist., cs.....lb. 1.00 - —
expressed, Brazilian, cns..lb. 1.25 - 1.30
Calif., cns.....lb. 1.45 - 1.75
Florida, cns., dms. .....lb. 1.10 - 1.20
Messina, USP, coppers.lb. No stocks.
West Indian, cns.....lb. 3.75 - 4.00
sequiterpeneless, bots.....lb.97.00 -100.00
Origanum, Spanish, cs.....lb. 2.40 - 2.75
Palm,[1,6] Niger, dms.....lb. .0865- —
Palmarosa, cns.....lb. 5.50 Nom.
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.S..gal. .05¾- —
320° flash, 60-70 vis., tanks, same basis..lb. .05¼- —
350° flash, 70-80 @ 100 vis., 0/10 pour..gal. .06 - —
80-85 vis., 0/10 pour, bbls., extra, Ind.refy..gal. .12 - —
100-100 vis., 0/10 pour, same basis..gal. .05½- —
10/25 pour, same basis..gal. .05¼- —
350° flash, 100-105 vis., 0/10 pour, same basis..gal. .14 - —
Patchouli, cns.....lb.20.00 Nom.
Peanut,[1,6] crude, tanks, mill. lb. .13 - —
bichd., decd., tankcar.....lb. .1501- —
hydrog., tanks .....lb. .1575- .1675
foots, acid, 95%, tanks, dlvd. E..lb. .08 - —
raw, 50%, tanks, dlvd. E..lb. .04 - —

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Oil, pennyroyal, dms., cns....lb. 4.10 - 4.25
Import, cns....lb. No prices
Peppermint, natural, dms....lb. 7.50 - —
redist., USP, dms....lb. 8.05 - —
Perilla, crude, dms....lb. No stocks
Petitgrain, Paraguay, cns., dms. lb. 1.60 - 1.70
Pimento, berry, dms....lb. 6.90 - 7.00
Leaf, cns....lb. 4.50 - 4.75
Pine,[1,6] ref., dms., c.l., divd. E. gal. .68 - .63½
l.c.l., ret., dms., divd. E. gal. .73 - —
tanks, works....gal. .55 - —
Pineneedle, cns. ....lb 3.25 - 3.50
Putty,[2] bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts ....gal .19½- —
dms., c.l., Whiting, Ind..gal. *.34 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis....gal. .27 - —
tanks, same basis....gal. .18 - —
Martinez, Cal. ....gal. .28 - —

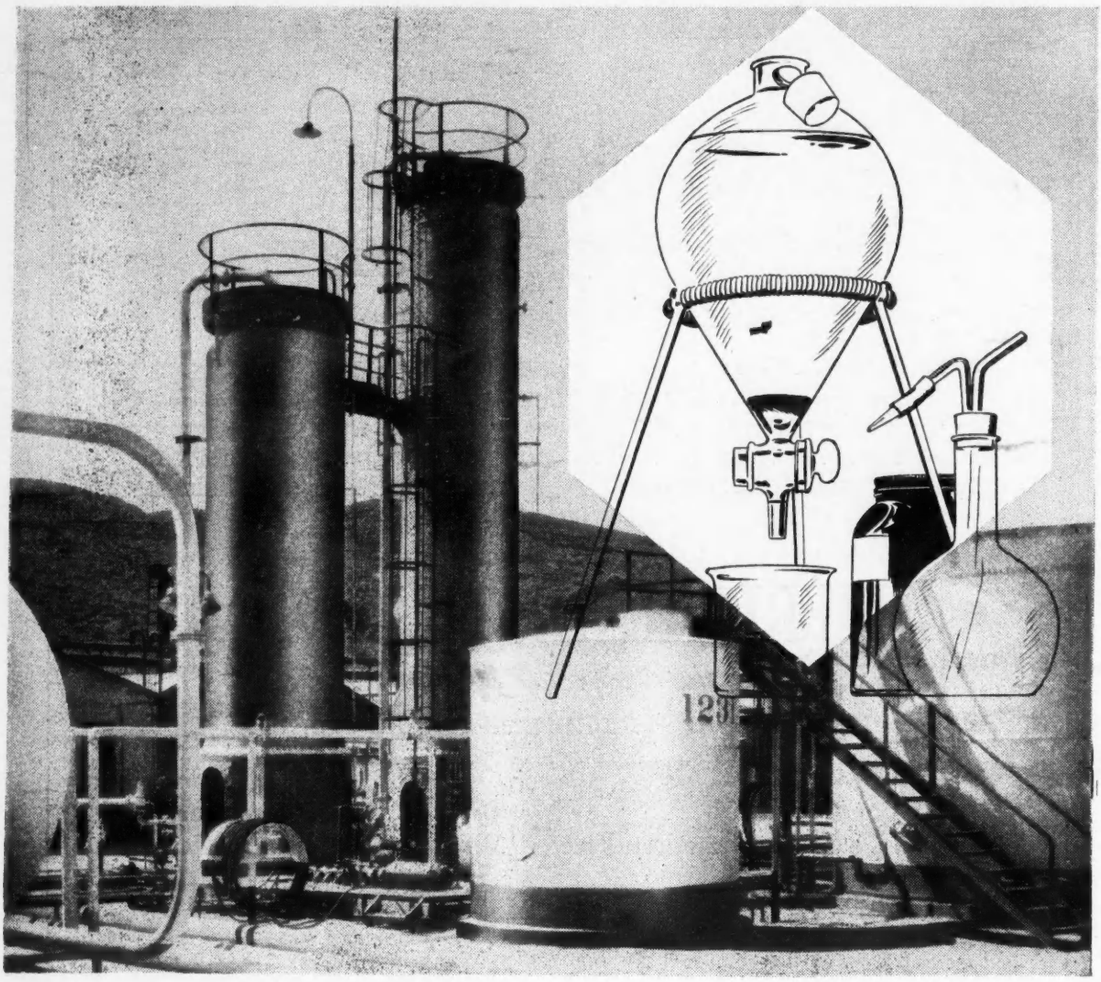
* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1,6] denat., bulk, c.i.f. N. Y..lb. .1150- —
Red,[6] dist. dms., divd....lb .12¾- .13¾
tanks, divd....lb. .12 - —
double dist., ret. dms....lb. .15¼- .16¼
Saponified, same prices.
Rose, natural, coppers....oz.30.00 -40.00
Rosemary, Spanish, cns., dms., lb. 1.70 - 2.10
Rosin, 1st rectified, dms....gal. .66 - —
2d rectified, dms....gal. .68 - —
3d rectified, dms....gal .72 - —
Rue, bots....lb. 8.25 Nom.
Sage, Spanish, cns....lb. 3.60 - 5.00
Sandalwood, NF, dist., cns..lb. 6.75 - —
Mysore, cns., case lots..lb. 7.00 - 7.25

Oil, sardine, crude,[1,6] tanks, Pac. Coast..lb. .0890- —
light-pressed, ret. dms....lb. .128 - .13
tanks ....lb. .1225- —
ref'd alkali, ret. dms....lb. .138 - .14
kettle-boiled, ret. dms....lb. .1480- .1506
Sassafras, artif., cns.... ..lb. 1.05 - 1.40
natural, cns., dms....lb. 1.90 - 2.00
Savin, cns....lb. No stocks
Savory, cns....lb. 8.00 - —
Sesame,[1,6] tanks....lb. .1430- —
Shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works....gal. .20 - —
tanks, works....gal. .14 - —
Snakeroot, Canada, cns....lb. No stocks
Soybean,[1,5] crude, tanks, Decatur..lb. .1175- —
deod., Winter, tankcar....lb. .1398- —
ret. dms....lb. .1500- .1540
clarif., dms....lb. .1296- .1335
tanks ....lb. .1256- —
foots, acid, 95%, tanks, divd. E..lb. .07½- —
raw, 50%, tanks, dvid. E..lb. .06½- —
refd., varnish, dms....lb. .1386- .1400
tanks ....lb. .1340- .1347
Spearmint, dms....lb. 4.00 Nom.
Sperm,[6] bleach, 38°, dms....lb. .1443- —
natural, 45°, dms....lb. .1310- —
Spruce,[1] cns., dms....lb. 2.65 - 2.85
Sunflower semi-ref.[6] tanks..lb. .1430- —
refined, tanks....lb. .1468- —
Sweet birch, North, cns....lb. 4.00 - 5.00
South, cns....lb. 2.50 - 3.75
Tall, crude, dms., c.l., works, ton.53.65 -55.00
l.c.l., works....ton.58.65 -63.65
tanks, works....ton.40.00 -45.00
refined, dms., c.l., works..lb. .05 - .05½
l.c.l., works....lb. .05½- —
tanks, works....lb. .04½- —
Tallow,[6] acidless, bbls....lb. .14½- —
tanks ....lb. .13¾- —
Tansy, cns....lb. No stocks

Oil, tar,[1] pine, dms., c.l., divd. E. cities..gal. .32½- —
l.c.l., f.o.b. works....gal. .29½- —
tanks, divd. E. cities....gal. .27 - —
rect., USP, bbls....gal. .60½- —
ar acid (see T).
yme, NF, red, cns....lb. 2.50 - 3.50
/hite, cns....lb. 2.65 - 4.00
ung,[1,6] dms....lb. .39 - —
tanks ....lb. .38½- —
Turkey red (see Castor, sulphorated).
Turpentine (see T).
Vetiver, Bourbon, bots....lb.40.00 -45.00
Whale,[6] ref., natural, dms..lb. .1187 Nom.
winter, bleach, dms....lb. .1454 Nom.
Wheat germ, dms....gal.10.00 -15.50
White mineral, tech., 50-60 vis., dms., c.l..gal. .38 - —
l.c.l. ....gal. .42 - .45
65/75 vis., c.l....gal. .36 - —
l.c.l. ....gal. .42 - .45
USP, 80/90 vis., dms., dm. charges not included, c.l..gal. .39 - —
l.c.l. ....gal. .45 - .48
95/105 vis., dms., c.l...gal. .44½- —
l.c.l. ....gal. .50½- .53½
125/135 vis., dms., c.l..gal. .49 - —
l.c.l. ....gal. .55 - .58
145/155 bis., dms., c.l..gal. .51 - —
l.c.l. ....gal. .57 - .60
175/185 vis., c.l....gal. .54½- —
l.c.l. ....gal. .60½- .63½
200/210 vis., c.l....gal. .58 - —
l.c.l. ....gal. .64 - .67
320/330 vis., c.l....gal. .65 - —
l.c.l. ....gal. .71 - .74
335/345 vis., c.l....gal. .66 - —
l.c.l. ....gal. .72 - .75
San Francisco, 65, 70 and 85 vis., ret. iron dms., 65 dms..gal. .40 - —
64-1 dms....gal. .42 - .45
100 vis., 65 dms....gal. .49½- —
64-1 dms....gal. .51½- .54½

Oil, white mineral, USP, San Francisco, 145 vis., 65 dms, gal. .57 - —
64-1 dms....gal. .59 - .63
180 vis., 65 dms....gal. .60½- —
64-1 dms....gal. .62½- .65½
340 vis., 65 dms....gal. .72 - —
64-1 dms....gal. .74 - .77
Wintergreen, nat., North, cns. lb. 6.50 - 8.50
South, cns. ....lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns....lb. No prices.
Wormwood, cns....lb. 5.00 Nom.
Ylang-ylang, Bourbon, bots..lb.40.00 -45.00
Oleostearin,[1] bbls....lb. .7054- —
Olivine, aggregate, c.l., mines, ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
Olivine, lumps, same basis...ton. 7.00 - —
spalls, same basis....ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots..lb.13.00 - —
25-lb. lots ....lb.13.25 - —
smaller lots ....lb.13.50 -13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, dinitroaniliin toner,[1]..lb. 1.05 - —
Lake, Persian,[1] bbls. ....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash., dvd. Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash., lb. .12¾- —
Colo., Mont., N. M., Wyo..lb. .13¼- —
other points ....lb. .13 - —
smaller lots, divd. Ala., etc..lb. .12¾- —
Ariz., etc. ....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .13 - —
Other points....lb. .12½- —
Molybdate,[1,6] bbls....lb. .41 - —
Orthonitroaniliin toner,[1] kgs., works..lb. .80 - —
bbls. ....lb. .80 - 1.05
Orange peel, bitter, Haitian, bgs., lb. .11 - .11½
sweet, bls....lb. No stocks
Oregano, Mexican, curly leaf, bgs....lb. .09½- .10
flat leaf, bgs....lb. .09 - .09½
Orris root, African, bls....lb. .80 - .85
powd., bbls., bxs....lb. .85 - .90
Portuguese, bls. ....lb. .45 - .46
Verona, bls. ....lb. 1.25 - 1.30
Orthoamylphenol, dms., works..lb. .25 - —
Orthoanisidin, bbls. ....lb. .70 - —
Orthochloroaniliin, dms. ....lb. .69 - .70
Orthochlorophenol, dms....lb. .32 - —
Orthocresol,[1,6] 30.4°C. Min. M.P., dms., c.l., works..lb. .17½- .18
l.c.l., same basis....lb. .18 - .18½
29.0°C. Min. M.P., dms., c.l., works..lb. .16½- .17
l.c.l., same basis....lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis....lb. .09 - —
tanks, same basis....lb. .06½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroaniliin, dms. ....lb. .45 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms. ....lb. .09 - —
Orthophenetidin, dms. ....lb. .82 - —
Orthotoluidin, dms....lb. .19 - —
Osage orange, crystals, bbls....lb. .23 - —
extract, No. 1, bbls....lb. .11 - —
No. 2 bbls....lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works..lb. 3.50 - —
smaller lots ....lb. 3.75 - 4.15



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Papain, powd., cs....lb. 2.25 - 2.60
Papaverine natural, synthetic, hydrochloride, NF, cns., 100-oz. lots..oz. 7.00 - —
smaller lots....oz. 7.05 - 7.25
sulphate, cns....oz. 7.10 - 7.35
Paprika,[1] Chilean, good, bgs..lb. .26 - .27
Portuguese, choice, bgs....lb. .38½- .39
extra fancy, bgs....lb. .37½- .38½
good, bgs....lb. .34 - .35
Spanish, fancy, bgs....lb. .43 - .44
good, bgs....lb. .36 - .37
fair, bgs....lb. .32 - .33
Para-anisidin, dms., works....lb. .75 - —
Parachlorophenol, dms., wks..lb. .52 - —
Paracresol,[6] bbls., wks....lb. .41 - —
Paracymene, dms., c.l., works..lb. .1595- —
l.c.l., same basis....lb. .1645- —
tanks, same basis....lb. .1545- —
Paradichlorobenzene, dms., c.l., works..lb. .11 - .12
l.c.l., same basis....lb. .12½- .15
Paraffin, crude scale, white or yellow, 119-121 ASTM, bbls., c.l., refinery..lb. .04¼- —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery..lb. .05 - —
120-122 ASTM, same basis, lb. .0520- —
122-124 ASTM, same basis, lb. .0520- —
125-127 ASTM, same basis, lb. .0560- —
127-129 ASTM, same basis, lb. .0585- —
128-130 ASTM, same basis, lb. .0585- —
130-133 ASTM, same basis, lb. .0615- —
132-134 ASTM, same basis, lb. .0640- —
135-137 ASTM, same basis, lb. .0715- —
140-142 ASTM, same basis, lb. .0810- —
146-148 ASTM, same basis, lb. .1050- —
Prices in bags 4/10c. per lb. higher than those for slabs loose.
Paraformaldehyde,[2,6] dms., 1,000 lbs. or more, works..lb. .21 - —
smaller lots, works....lb. .22 - —
Paraldehyde, tech., 98%, 55 and 110-gal.dms., l.c.l., works.lb. .12 - —
and 10-gal. dms., works..lb. .15 - —
USP, cns., cbys....lb. .35 - .45
Paranitroaniliin, kgs., works...lb. .43 - .45
Paranitrochlorobenzene, kgs., works..lb. .15 - —
Paranitrophenol, kgs....lb. .35 - —
Paranitrotoluene, kgs., works..lb. .30 - —
Paraphenylenediamine, tech., kgs..lb. 2.00 - —
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls., works....lb. .48 - —

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ORONITE CHEMICALS

909

Paris green,[1] dealer, dms., kgs., c.l., works, frt. alld.	lb.	.20	.25
l.c.l., same basis	lb.	.21	.26
Passion flower herb, bls.	lb.	No prices	
Patchouli leaves, bls.	lb.	.34	.35
Pectin, bbls.	lb.	.85	—
Penicillin,[8] hospitals, institutions, ampules per 100,000 units.		3.20	4.50
for gov. purchases, ampules, per 100,000 units.		1.90	—
Pennyroyal leaves, bls.	lb.	.15	.16
Pentachlorophenol, dms., works,	lb.	.20	.25
Pentaerythritol,[6] CP, bbls., dlvd.	lb.	.75	—
less than barrel lots	lb.	1.00	—
tech., bbls., c.l.	lb.	.29	—
l.c.l.	lb.	.33	—
Tetra-acetate, bbls., dlvd.	lb.	1.00	—
less than barrel lots	lb.	1.50	—
Pentane,[1] 28°-38° C., industrial grade, dms., c.l., Group 2,	gal.	.11	—
l.c.l., Group 3	gal.	.19	—
tanks, Group 3	gal.	.07½	—
laboratory grade, dms., c.l.,	gal.	.16	—
l.c.l	gal.	.29	—
10 gal.	gal.	.55	—
Pepper, black,[1] 15 tons, bgs.	lb.	.0665	Bid
50 to 100 bgs.	lb.	.0705	Bid
24 bgs.	lb.	.0723-	.0740
red, chillies, Carolina, lonxs, bgs.	lb.	.29	Nom.
sports, bgs.	lb.	.45	.46
Congo, bgs.	lb.	.25	.26
Louisiana, sports, bgs.	lb.	.45	.46
longs, old crop, bgs.	lb.	.27½	.28
Mombassa, bgs.	lb.	.20½	.21
Niger, fair, bgs.	lb.	.18½	.19
Sierra Leone, bgs.	lb.	.22½	.23
Uganda, washed, bgs.	lb.	.21	.21½
white,[1] 15 tons, bgs.	lb.	.1161	Nom.
24 bgs.	lb.	.1295	Nom.
Peppermint, USP, bls.	lb.	.60	.70
import, bls.	lb.	.90	Nom.
Perchloroethylene,[4] dms., c.l., works, frt. alld., Zone 1	lb.	.0782-	.0800
l.c.l., same basis	lb.	.0832-	.0850
Zone 2, dms. c.l., works, frt. alld.	lb.	.0832-	.0850
l.c.l., same basis	lb.	.0882-	.0900
Zone 3, dms., c.l., works, frt. equald.	lb.	.0882-	.0900
l.c.l., same basis	lb.	.0932-	.0950
Zone 4, dms., c.l., f.o.b. stock point.	lb.	.0882-	.0900
l.c.l., same basis	lb.	.0932-	.0950

Perchlorethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S.C., S.D.; (3) Col., Mont. (E), N.M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

Peru balsam, dms.	lb.	1.15	1.20
Petrolatum, tech., dark, bbls., Group 3, c.l.	lb.	.021	—
golden Topaz, bbls., c.l.	lb.	.032	—
l.c.l.	lb.	.036	—
red, veterinarian, bbls., c.l.	lb.	.024	—
l.c.l.	lb.	.028	—
USP, amber, fiber dms., c.l.	lb.	.03½	—
l.c.l.	lb.	.04½	—
extra amber, fib. dms., c.l.	lb.	.03¾	—
l.c.l.	lb.	.04¾	—
cream, c.l., fib. dms.	lb.	.05	—
l.c.l.	lb.	.06½	—
yellow, soft, fib. dms., c.l.	lb.	.03½	—
l.c.l.	lb.	.04½	—
white, lily, fib. dms., c.l.	lb.	.05¾	—
l.c.l.	lb.	.07¼	—
snow, c.l., fib. dms.	lb.	.06½	—
l.c.l.	lb.	.08	—
soft, c.l., fib. dms.	lb.	.05½	—
l.c.l.	lb.	.06½	—
Petroleum, crude, bulk, at wells, California, heavy grades	bbl.	.93	1.01
Illinois	bbl.	1.37	—
Kentucky, Union County	bbl.	1.32	1.37
Louisiana-Arkansas	bbl.	.86	1.20
Oklahoma-Kansas	bbl.	.85	1.28
Pennsylvania	bbl.	1.31	3.00
Texas, Gulf Coast	bbl.	1.08	1.36
North, North-Central	bbl.	1.01	1.26
West	bbl.	.70	1.13
Panhandle	bbl.	1.10	1.22
Savannah, Ga.	bbl.	1.60	1.77
Wyoming	bbl.	1.12	—
Ether, laboratory, grade, 30-60° C., dms., c.l., Group 3	gal.	.18	—
l.c.l.	gal.	.29	—
10 gals.	gal.	.55	—
35-60° C., dms., c.l.	gal.	.29	—
10 gals.	gal.	.55	—
40-75° C., dms., c.l.	gal.	.16	—
l.c.l.	gal.	.29	—
10 gals.	gal.	.55	—
Fuel oil, furnace, tanks, at refinery:—			
Arkansas, No. 1	gal.	.04	—
Nos. 2 and 3	gal.	.03½	—
California, heavy	bbl.	1.10	—
light	bbl.	1.20	—
diesel	gal.	.04	—
stove dist.	gal.	.05	—
Group 3, No. 3	gal.	.03½	—
Group 3, No. 5	bbl.	.85	—
No. 6	bbl.	.80	.85
Kansas, No. 6	bbl.	.85	.90
Oklahoma, No. 2	gal.	.03¾	—
No. 6	bbl.	.90	—
14-16	bbl.	.97	—
Pennsylvania, No. 1	gal.	.07	.07¾
No. 2	gal.	.07	.0805
No. 3	gal.	.06¾	.07¾
36-40 gravity	gal.	.07	.07¾
bunker C, Baltimore, Md.	bbl.	1.65	1.77
Boston, Mass.	bbl.	1.65	1.77
Charleston, Mass.	bbl.	1.60	—
Jacksonville, Fla.	bbl.	1.60	—
New York, N. Y.	bbl.	1.65	2.07
Norfolk, Va.	bbl.	1.65	1.77
Philadelphia, Pa.	bbl.	1.65	—
Portland, Me.	bbl.	1.60	—
Providence, R. I.	bbl.	1.65	—
Savannah, Ga.	bbl.	1.65	1.77
Wilmington, N. C.	bbl.	1.65	—
Lacquer diluent, at refinery:—			
California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles	gal.	.11	—
Fort Wells, Wash.	gal.	.12	—
San Francisco	gal.	.11½	—
Willbridge, Ore.	gal.	.12	—
East Coast, N. J., N. Y., tanks	gal.	.11½	—
Group 3, benzol type, tanks, toluol type, tanks	gal.	.07¾	.07¾
Mineral spirits, at refinery, California (f.o.b. San Francisco), 163-252 b.r., tanks,	gal.	.10½	—
198-200 b.r., tanks	gal.	.10¼	—
246-397 b.r., tanks	gal.	.10½	—
312-408 b.r., tanks	gal.	.09	—
362-488 b.r., tanks	gal.	.09	—
East Coast, N. J., N. Y.	gal.	.10	—
Group 3, tanks	gal.	.06¼	—
tankwagon, Baltimore	gal.	.12	.13
Boston	gal.	.12	—
Bridgeport, Conn.	gal.	.1680	—
Buffalo	gal.	.1240	—
Camden, N. J.	gal.	.11	—
Chicago	gal.	.13½	—
Detroit	gal.	.1580	—
Hartford	gal.	.1630	—
Kansas City, Mo.	gal.	.1490	—
Lancaster, Pa.	gal.	.12	—
Milwaukee	gal.	.1440	—
Minneapolis	gal.	.1420	—
Newark (200 gal.)	gal.	.11	—
Petroleum, mineral spirits, tankwagon, New York (200 gal.)	gal.	.11	—
Philadelphia	gal.	.11	—
Pittsburgh	gal.	.129	—
Providence	gal.	.13	—
Rochester	gal.	.1320	—
St. Louis	gal.	.1370	—
Syracuse	gal.	.14	—
Washington, D. C.	gal.	.13	—
Wilmington, Del.	gal.	.13	—
Naphtha, cleaners, at refinery:—			
California (f.o.b. San Francisco), tanks	gal.	.12	—
East Coast, N. J., N. Y., tanks	gal.	.11	—
Group 3, tanks	gal.	.07½	—
tankwagons, Newark	gal.	.12	—
Bridgeport	gal.	.1730	—
Chicago	gal.	.1380	—
Detroit	gal.	.15	—
Milwaukee	gal.	.1440	—
Minneapolis	gal.	.1420	—
New York	gal.	.12	—
Philadelphia	gal.	.125	—
St. Louis	gal.	.1470	—
high-solvency, No. 1, over 76% arom., tanks, Bayway, N. J.	gal.	.21½	—
No. 2, over 90% arom., same basis	gal.	.21½	—
No. 3, same basis	gal.	.22½	—
No. 8, tanks, same basis,	gal.	.228	—
No. 30, tanks, f.o.b. Kingsland, N. J., frt. alld.	gal.	.223	—
No. 40, tanks, Wilmington, Cal.	gal.	.13½	—
V.M.&P., at refinery:—			
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo	gal.	.11	—
Richmond	gal.	.11½	—
Willbridge, Ore., Pt. 54-77, 310 l.b.p., 310 e.p., tanks, dlvd. Los Angeles,	gal.	.10	—
Petroleum, naphtha, V.M.&P., at refinery, California:—			
San Francisco	gal.	.10½	—
Portland, Seattle	gal.	.11	—
Group 3, tanks	gal.	.07½	—
Gulf Coast (dlvd. New Orleans), tanks	gal.	.06½	—
tankwagon, Boston	gal.	.13	—
Chicago	gal.	.1380	—
Detroit	gal.	.15	—
Milwaukee	gal.	.1540	—
Minneapolis	gal.	.1520	—
Newark (200 gal.)	gal.	.125	—
New York	gal.	.12	—
Philadelphia	gal.	.125	—
Pittsburgh	gal.	.12½	—
St. Louis	gal.	.1470	—
Solvent, rubber, at refinery, California (f.o.b. San Francisco)	gal.	.25½	—
East Coast, N. J., N. Y., tanks	gal.	.11	—
Group 3, tanks	gal.	.07¼	.07½
Stoddard (CS 8-33), at refinery:—			
California (f.o.b. San Francisco), tanks	gal.	.11	—
East Coast, N. J., N. Y., tanks	gal.	.10	—
Group 3, tanks	gal.	.06¾	—
Pennsylvania, western, tanks	gal.	.07¼	.07½
tankwagon, Baltimore	gal.	.13	—
Boston	gal.	.12	—
Chicago	gal.	.13½	—
Detroit	gal.	.1580	—
Milwaukee	gal.	.1440	—
Minneapolis	gal.	.1420	—
Newark	gal.	.11	—
New York	gal.	.11	—
Philadelphia	gal.	.11	—
Pittsburgh	gal.	.12½	—
St. Louis	gal.	.1370	—
Syracuse	gal.	.14	—

Xylol solvent. See Xylol petroleum solvent

Phenobarbital, 5-lb. cns.	lb.	3.60	3.70
dms., 100 lbs.	lb.	3.50	—
Phenol,[3,9] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald.,	lb.	.10	—
l.c.l., same basis	lb.	.10¾	—
tanks, same basis	lb.	.09	—
82-84% (cresol, 16-18%), dms., c.l., same basis	lb.	.09¾	.10¼
l.c.l., same basis	lb.	.10¼	.10¾
tanks, same basis	lb.	.08¾	.09¼
Phenol, USP, dms., c.l., works, frt. equald.	lb.	.10¾	—
l.c.l., same basis	lb.	.11¼	—
tanks, same basis	lb.	.09¼	—
Phenolphthalein, USP, bbls., dms., 2,000 lbs.	lb.	.85	—
smaller lots	lb.	.87	.92
yellow, fib. dms., 2,000 lbs.	lb.	.80	—
smaller lots	lb.	.82	.87
Phenothiazin, fib. dms., 2,000-lb. shipt.	lb.	.49	—
smaller lots, same basis	lb.	.54	—
Phenylacetaldehyde, 50% solut., bots.	lb.	2.45	3.00
100% solut., bots.	lb.	4.40	5.00
Phenylethyl acetate, cns.	lb.	2.45	3.00
Phenylethylphenyl acetate, bots.,	lb.	5.50	7.00
Phenylhydrazin, base, CP, bots.	lb.	4.55	—
Hydrochloride, CP, bots., works,	lb.	7.10	—
commercial, kgs., works	lb.	1.75	—
Phloroglucinol, CP, fib. dms.	lb.	13.75	14.75
tech., fib. dms.	lb.	12.00	12.50
Phosgene, ton lots, works	lb.	.19	—
Phosphate rock,[1,5] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., M.P.R. 240 provisions, bulk, f.o.b. car, mine, c.l.	long ton.	2.20	—
70-68% b.p.l., M.P.R. 240 provisions, same basis	long ton.	2.60	—

IMAGINE delivering .50 caliber machine gun cartridges to a battery of 105 mm. cannon! Somebody would catch the devil—and it wouldn't be the enemy!

YOU'VE got to have *dependable uniformity* in solvents too. Any variation in the type of solvent you are using for a given job can easily throw your entire production out of line.

That's one of the reasons for specifying SKELLYSOLVE. A given type of SKELLYSOLVE ordered tomorrow will be identical with the same type bought yesterday. You can depend on that. In refining SKELLYSOLVE, we depend on accurate, scientific, instrumented quality control that leaves nothing to guess and hurdles the element of human error.

SKELLYSOLVE
***in the* OIL, PAINT *and* DRUG FIELD**

The Skellysolve line includes naphthas specially fractionated for all laboratory and industrial uses. We furnish a full line of V. M. & P. naphthas, mineral spirits, and lacquer diluents, as well as many other special hydrocarbons. Our technical staff has aided many manufacturers in developing formulas for new or improved products which have proved to be of great value. Write or wire for full information today.

SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, SKELLY OIL CO.
SKELLY BLDG., KANSAS CITY, MO.

Phosphate rock, Fla., land pebble, ungrd., run-of-pile, f.o.b. car, mine, c.i., 72%-70% b.p.l. M.P.R. long provisions, same basis..long ton. 3.20 - —
75%-74% b.p.l. M.P.R.
240 provisions, same basis..long ton. 4.20 - —
77%-76% b.p.l. M.P.R.
240 provisions, same basis..long ton. 5.20 - —
entirely pebble 50c. per ton higher than above prices.
30%, P_2O_5 minimum, short ton. 2.90 - —
31%, P_2O_5 minimum.. short ton. 3.10 - —
70%, basis 32%, P_2O_5 minimum..short ton. 3.45 - —
Tenn., brown, unground, run-of-mine, 70%-68% b.p.l., 5% i. & a., M.P.R. 240 provisions, same basis, long ton. 5.00 - —
72%-70% b.p.l., 5½% i. & a., M.P.R. 240 provisions, same basis..long ton. 5.50 - —
refinery ground, same basis, long ton. 4.85 - —
80%, P_2O_5, same basis..... short ton. 4.35 - —
31%, P_2O_5, same basis..... short ton. 4.95 - —
32%, P_2O_5, same basis..... short ton. 5.20 - —
33%, P_2O_5, same basis..... short ton. 5.70 - —
Phosphate, defluorinated (see under D).
Phosphorus,[6] red amorphous, cs., lb. .40 - .44
tins, export.....lb. .55 - —
Yellow, dms.....lb. .25 - —
cs.....lb. .28 - .26
Oxychloride,[6] cyls.....lb. .15 - .18
Pentoxide,[6] dms., c.l., wks..lb. .11 - .12
l.c.l., works.....lb. .13 - .14
Sesquisulphide,[6] cs.....lb. .35 - .43
Trichloride,[6] cyls.....lb. .15 - .16
Phthalamide, bbls., works.....lb. .35 - .40
kgs., works.....lb. .45 - .50
Phthalic anhydride,[6] bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —
Pichi leaves, bgs.....lb. .08 - .08½
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots.....oz. 8.00 - —
Pilocarpine hydrochloride, USP, bots., vis..oz. 2.90 - 5.25
Nitrate, bots., vis.....oz. 3.80 - 5.75
Pimento,[1] Jamaica, ...lb. .22 - .22½
Mexican (see Allspice, Mexican).
Pinkroot, bls.....lb. 1.90 - 2.00
Piperazine hexahydrate, bots..lb. 16.00 - —
Pitch, burgundy (see B).
Coaltar,[2] 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l., works.....ton. 22.00 - —
Cottonseed, dms., works.....lb. .04 - .06
Hardwood, paper bgs., works..lb. .03½- —
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Soybean, dms., works.....lb. .04 - .06
Pine, dms.....100 lbs. 3.25 - —
stands, 200 lbs.....stand. 6.00 - —
Plaster of paris (see Gypsum).
Podophyllin, dms.....lb. 8.75 - 9.00
Pokeroot, bbls.....lb. .14 - .15
Polyamylnaphthalene, dms., l.c.l., works..lb. .25 - —
Pomegranate, root bark, bgs...lb. .30 - .35
Poppy flowers, bls.....lb. .60 - .70
Seed, Canadian, bgs.....lb. No stocks
domestic, blue, bgs.....lb. No stocks
Dutch, bgs.....lb. No stocks
Indian, white, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
cleaned, bgs.....lb. No stocks
Potash abietate.....lb. .08 - —
Acetate, USP, bbls., dms....lb. .28 - .30
cns.....lb. .31 - .32
Arsenite,[6] USP, solut., cbys., djns..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .19 - .21
Bichromate,[6] bbls., cks., c.l., works..lb. .09½- —
l.c.l., works.....lb. .09¾- .10
Potash bichromate in bgs., ¼c. less.
Bromide, USP, gran., 500-lb. bbls., dms..lb. .27 - .31
100-lb. kgs.....lb. .33 - .39
Carbonate, calc., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
dms., l.c.l., same basis..lb. .06¾- —
USP, gran., bbls., dms.....lb. .14 - .20
powd., bbls.....dms.....lb. .19 - .21
Caustic, flake, 88-92%, dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07¼- —
48% basis, dms.....lb. .06¼- .06¾
tanks.....lb. .06¾- —
liquid, dms., c.l., works, frt. alld..lb. .08 - —
l.c.l., dms., same basis..lb. .08¼- —
tanks, same basis.....lb. .02¾- —
solid, 88-92%, dms., c.l., works..lb. .06½- —
l.c.l.....lb. .06¾- .06¾
Chromate,[6] bgs.....lb. .34 - .38
Chlorate,[6] cryst., bgs., c.l., works..lb. .11 - .11½
l.c.l., works.....lb. .119 - .13
powd., dms., kgs., c.l., works, lb. .08¾- .11½
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse..lb. .18 - .20
Chloride, cryst., tech., 96%, bgs., kgs..lb. .06 Nom.
Citrate, USP, gran., bbls., dms., lb. .33½- .35½
powd., 3c. per lb. higher.
Cyanide,[6] dms., works.....lb. .25 - —
Fluoride, bbls.....lb. .72 - .75
Glycerophosphate, 17% sol., cns., cbys..lb. 1.65 - 1.67
dms., 1,000 lbs.....lb. 1.50 - —
100 lbs.....lb. 1.60 - —
Guaiacolsulphonate, NF, dms.lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms..lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .75
Iodate, bots., 5 lbs.....lb. 3.40 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots., cns.....lb. 1.44 - 1.48
dms.....lb. 1.35 - 1.38
Manure salt, dom.,[6] 22% K_2O, f.o.b. Carlsbad, N. M..... unit-ton. .20 - —
Potash, manure salt, dom., 22% K_2O seasonal contract discounts to March 31, 1945, 12%.
25% K_2O, same basis..... unit-ton. .21 - —
Metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .25 - —
Muriate, dom.,[6] 60-62.63% K_2O, bulk, ex vessel, ports, unit-ton. .53½- —
Seasonal contract discounts to March 31, 1945, 12%.
granular, 50-52% K_2O..... unit-ton. .53½- —
Russian,[6] offered from consignments afloat, subject to safe arrivals..unit-ton. .53½- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal., 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.

Potash nitrate, (see Saltpeter).
Oxalate, neutral, pure, gran., bbls., dms..lb. .37 - .50
tech., fine gran., bbls., dms., lb. .28 - .32
Perchlorate,[6] kgs., works....lb. .09¾- .11
Permanganate, tech., dms., works..lb. .19¾- .20¼
USP, dms., works.....lb. .20½- .21
Prussiate, red, bbls., dms....lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, alkaline, lumps, bgs., works..lb. .07 - —
glass, bgs., c.l.....ton. 290.00 - —
l.c.l.....100 lbs. 15.25 - —
solution 40° Be, ret. drums, c.l., works..100 lbs. 4.25 - —
20° Be, ret. dms., l.c.l., 5 or more, works..100 lbs. 5.00 - —
100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
32° Be, ret. dms., c.l., works, 100 lbs. 4.75 - —
l.c.l., 5 or more, works. 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works..100 lbs. 5.75 - —
l.c.l., 5 or more, works. 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, NF, powd., bbls...lb. .15 - .21
Prices on granular 4c. higher.
tech., dom., bulk,[6] basis 90-96%, K_2SO_4, min., 90% ex vessel, Atl. or Gulf ports..ton. 36.25 - —
Sulphocyanide, NF, dms.....lb. .70 - .78
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz. 14.20 - 14.95
Potash-magnesia sulphate, bulk,[4] min., 40% K_2SO_4, 15.50% MgO, ex vessel, ports..ton. 20.00 - —
Potash-soda ferricyanide, dms., works..lb. .40 - .43
Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Berries, bgs.....lb. .23 - .25
Prickly ash bark, bls.....lb. .40 Nom.
Prince's pine herb, bls.....lb. .45 - .50
Procaine hydrochloride, cns., 25 lbs..lb. 8.00 - —
smaller lots.....lb. 8.25 - 8.75
Propane,[6] industrial grade, tanks, Group 3..gal. .08¾- —
Propyleneglycol, dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .65 - .66
Pumice, grd., fine, bgs., ton lots. lb. .03¾- —
smaller lots.....lb. .03¾- .04
coarse, 0¾, 1, 1½, 2, 5, bgs., ton lots..lb. .03¾- —
smaller lots..lb. .06¾- .04½
Chi., ton lots.....lb. .04½- —
Pumice in bbls., is ½c. per lb. higher.
Pumpkin seed, bgs.....lb. .38 - .40
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum,[1,6] concentrate, dewaxed, 30% for aerosol bombs, bbls., works..lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal. 7.15 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal. 10.65 - —
flowers, coarse-grd., 2% pyrethrins, bbls., works..lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin,[6] denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2° ret. dms., same basis. lb. .45½- .46
Pyrites, Spanish, c.i.f. Atl. ports. long ton. 8.00 - 10.00
Pyrocatechin (see Catechol).
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., pap. bgs., mines..ton. 10.00 - —
325 mesh, same basis....ton. 13.00 - —
No. 3, 200 mesh, c.l., mines..ton. 8.00 - —
325 mesh, same basis.....ton. 11.00 - —
Pyroxylin scrap, opaque, amber, c.s., works..lb. .17 - —
black, cs., works.....lb. .17 - —
works..lb. .17 - —
China, white, ivory, cs., dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottles, cs., works. lb. .14 - —
translucent pastels, cs., works, lb. .17 - —
transparent, cs., works....lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs., works...lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .10 - .15
Quebracho extract,[6] solid, 63%, bgs., c.l., ex deck, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account. Current freight $21.60; WSA insurance, $3.75 per ton..lb. .04½- .05¼
clarified, 64%, bgs., c.l., same basis..lb. .05¼- .05¾
dissolved, 35% tan., bbls., works..lb. .04125- .0550
tanks, works.....lb. .03625- .0450
ground, bgs., c.l.....lb. .08 - .09
l.c.l., bgs.....lb. .0625- .0950
Queen of the meadow root, bgs. lb. .11 - .13
Quercitron, crystals, bbls.....lb. .28 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver,[1], flasks (76 lbs. net)..flask. 105.00 - 110.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns.oz. 1.06 + .13½[*]
powd., precip., cns.....oz. 1.01 + .13½
Sulphate, USP, cns.....oz. .71 + .13½

[*] Surcharge of 13½c. per oz.; see note under Quinine.

Quinine,[6] NF, cns., 100 ozs...oz. .84 + .13½[*]
Acetate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenite, cns., 100 ozs.....oz. 1.07 + .13½
Bisulphite, USP, cns., 100 ozs..oz. .69 + .13½
Citrate, cns., 100 ozs.....oz. .78 + .13½
Dihydrobromide, bots., 50 ozs. oz. .86 + .13½
Quinine ethylcarbonate, USP, cns., 100 ozs..oz. 1.25 + .13½
Ferrocyanide, cns., 100 ozs..oz. 1.07 + .13½
Formate, cns., 100 ozs.....oz. 1.00 + .13½
Glycerophosphate, cns., 100 ozs. oz. 1.20 + .13½
Hydrochloride, USP, cns., 100 ozs..oz. .76 + .13½
Hydrochlorosulphate, cns., 100 ozs..oz. .81 + .13½
Hydroiodide, cns., 100 ozs..oz. 1.05 + .13½
Hyposulphite, cns., 100 ozs..oz. 1.07 + .13½
Phosphate, NF, cns., 100 ozs., oz. .90 + .13½
Salicylate, NF, cns., 100 ozs., oz. .79 + .13½
Sulphate, USP, cns., 100 ozs.oz. .67 + .13½
Sulphocarbolate, cns., 100 ozs. oz. 1.05 + .13½
Tannate, USP X, cns., 100 ozs. oz. .63 + .13½
Tartrate, cns., 100 ozs.....oz. 1.03 + .13½
Valerate, NF IV, 100 ozs.....oz. .99 + .13½

[*] Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.
cns..oz. .81 + .13½[*]
Surcharge: See note under Quinine.

Quinoline, dms., c.l., works...lb. .24½- .50
Quinine-urea hydrochloride,[6] USP.

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. 1.25 - 1.80
Red, alizarin lake,[2] bbls., dlvd. N. of Tenn. and N.C., E. of Miss R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Prices ¼c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.
Cadmium, lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .80 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
selenide, dark, bbls., works, lb. 2.50 - —
light, same basis.....lb. 2.20 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40, dms., 100 lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, red).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works..lb. .85 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y...lb. .09¼- —
Indian, 80-85%, bbls., same basis..lb. .09¾- —
Imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls., c.l., l.c.l., bbls.....lb. .09¾- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .08½- .096
Lacquer, maroon, bbls., works. lb. 1.25 - —
Lake C toner, alizarin, bbls., wor...lb. .90 - —
Litho toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28
Lithol - rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake, 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works.....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,[2] tech., bbls., 10,000 lbs., works..lb. 2.00 - —
smaller lots.....lb. 2.02 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide (see Red, iron oxide).
Para[2] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Phloxin toner (see Red, Eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple, lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 - —
lake, alizarin, kgs., works, lb. .35 - —
Spanish oxide, grade 1, c.l., bbls..lb. .04¾- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
M.N.P.T. maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., works..lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03½- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.25 - 2.85
Red precipitate,[2] NF, powd., flb. dms..lb. 2.17 - 2.19
Red saunders wood, grd., bbls. lb. .35 - —
Resorcinol, tech., dms., frt. alld. E. of Miss..lb. .68 - .75
USP, cryst., dms., 100 lbs., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bxs.....lb. .11 - .12
Rhubarb, whole, cs.....lb. .85 - 2.50
powd., bbls.....lb. .95 - 2.60
Riboflavin, bots., 100 grams..kilo. 230.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .44 - .46
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls.....lb. 1.55 - 1.60
Leaves, Portuguese, bls.....lb. .09 - .09½
Spanish, bls.....lb. .13¾- .14½
Rosin, gum:—
B, dms., c.l.....100 lbs. 5.46 - —
D, dms., c.l.....100 lbs. 5.53 - —
E, dms., c.l.....100 lbs. 6.06 - —
F, dms., c.l.....100 lbs. 6.16 - —
G, dms., c.l.....100 lbs. 6.20 - —
H, dms., c.l.....100 lbs. 6.21 - —
I, dms., c.l.....100 lbs. 6.21 - —
K, dms., c.l.....100 lbs. 6.21 - —
M, dms., c.l.....100 lbs. 6.21 - —
N, dms., c.l.....100 lbs. 6.44 - —
W.G., dms., c.l.....100 lbs. 6.69 - —
W.W., dms., c.l.....100 lbs. 6.96 - —
X, dms., c.l.....100 lbs. 6.96 - —
Wood, F.F., dms., c.l...100 lbs. 3.78 - 3.98
Rotenone,[1,4] CP, bbls., works, lb. 10.90 -
extract, liq., dms., works..... per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines..ton. 25.50 - —
l.c.l., same basis.....ton. 37.50 - —
Rue, bls.....lb. .75 - .80

S

Sabadilla seed, powd., bbls....lb. .35 - .36
Saccharin,[1] soda (soluble), dms., makers, primary distrib., 1,000 lbs. up..lb. 1.30 - 1.35
smaller lots, same basis..lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. .70 - .75
Spanish, tins.....lb. 44.00 Nom.
Safrol, ons.....lb. 1.10 - 1.15
Sage,[1] Calif., French type, bls., f.o.b. Pacific Coast..lb. .82 - .85
leucophylla, July-Aug., bgs., Pacific Coast..lb. .55 - .56
Cyprus, good, bls.....lb. .19 - .19¾
fair, bls.....lb. .16½- .17
Spanish, bls.....lb. .19 - .19¾
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Salol, gran., bbls., kgs.....lb. .90 - —
flb. dms.....lb. .97 - .98
powder, 10c. per lb. higher.
Salt rock, bgs., c.l.....ton. 14.20 - —
l.c.l., bgs.....ton. 17.00 - 18.00
vacuum, common, fine, bgs., c.l..ton. 15.70 - —
l.c.l.....ton. 19.40 - 23.20
Saltcake, dom., bulk, works..ton. 15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 tons..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 tons.... 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots.....oz. 3.75 - —
Santonin, cryst., cns.....kilo. 200.00 - 210.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, Amer., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .50
Mexican, bls.....lb. .19¼- .20
Sassafras bark, ord., bls.....lb. .38 - .40
select, bls.....lb. .65 - .70
Savory, Spanish, bls.....lb. .30 - .31
Saw palmetto berries, bgs.....lb. .20 - .25
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .08 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. No stocks
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34½- —
kegs, 5,000 lbs., 1 shipm't..lb. .34½- —
smaller lots.....lb. .34 - —
Selenium, pwd., cs., 1,000 lbs..lb. 1.75 - —
cns., 10 lbs.....lb. 1.85 - —
Senega root, spot, lbs.....lb. 1.00 - 1.05
Senna, Alex., half leaf, bls...lb. .22 - .28
siftings, bgs.....lb. .22 - .24
Tinnevelly, No. 1, bls.....lb. .16 - .16½
2, bls.....lb. .11½- .12
3, bls.....lb. .10 - .10¼
pwd., bbls., bgs.....lb. .15 - .17
Pods, cls.....lb. .13 - .16
Serpentaria root, bls.....lb. .85 - .90
Sesame seed,[1] Chinese, hulled, bgs..lb. .13½- .14
Indian, hulled, recleaned, bgs. lb. No stocks
natural, bgs.....lb. .11 Nom.
Shellac,[1] bonedry, bbls., 1,500 lbs..lb. .42½- —
Boston.....lb. .43½- —
Chicago.....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bbls., 1,500 lbs....lb. .43½- —
Boston.....lb. .49½- —
Chicago.....lb. .50 - —
Pacific coast.....lb. .52 - —
Bonedry shellac, sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¼c. per lb., (2), bbls., 1c. more; (3), kgs., 3c. more.
D.C., V.S.O., Diamond I, bgs., lots of 100..lb. .4660- —
Garnet, bgs., lots of 100.....lb. .3890- —
Superfine, bgs., Boston, N. Y., lots of 100..lb. .3660- —
Chicago, lots of 100.....lb. .3710- —
Pacific coast, lots of 100...lb. .3960- —
TN, bgs., Boston, N. Y., lots of 100..lb. .3550- —
Chicago, lots of 100.....lb. .3600- —
Pacific coast, lots of 100...lb. .3805- —
Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.
Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill., works. ton. 17.00 - —
l.c.l., same basis....ton. 20.00 - —
400 mesh, bgs., c.l., same basis..ton. 18.00 - —
l.c.l., same basis....ton. 19.00 - 20.00
wet-grd., 325 mesh, bgs., c.l., same basis..ton. 18.00 - —
l.c.l., same basis....ton. 21.00 - —
400 mesh, bgs., c.l., same basis..ton. 20.50 - —
l.c.l., same basis....ton. 35.00 - 38.00
96-98%, 325 mesh, bgs., c.l., same basis..ton. 20.00 - —
l.c.l., same basis....ton. 21.50 - 23.00
99%, 325 mesh, bgs., c.l., same basis..ton. 20.00 - —
l.c.l., same basis....ton. 22.00 - 25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., same basis..ton. 15.50 - —
l.c.l., same basis....ton. 18.50 - —
140 mesh, bgs., c.l., same basis..ton. 11.00 - —
l.c.l., same basis....ton. 16.00 - —
Silicon tetrachloride, tech., 55-gal. dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- —
10 gals., works.....lb. .27 - —
Silver bullion.....oz. .44¾- —
govt. purchase, dom.....oz. .7111- —
govt. purchase,[1] foreign....oz. .44¾- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, 100-oz. bots.....oz. .32¾- —
Nucleinate, bots., dms.....oz. .305 - .353
Proteinate, bots., dms.....oz. .288 - .338
Simarubra bark, bls.....lb. .52 - .55
Skunk cabbage root, bls.....lb. .40 - .45
Slate flour, bgs., c.l., works..ton. 11.00 - 12.00
l.c.l., works.....ton. 12.00 - 13.00
Sloe berries, bgs.....lb. .70 - .75
Smalt, black, ctns.....lb. .05 - .06
Blue, ctns.....lb. .07 - .09¼

. . . A brilliant record in the field of research

"Hercules outstanding record in the field of terpene and rosin chemistry was made possible by the teamwork of operating men and a laboratory staffed by industry-minded research chemists, physicists, and chemical engineers. They transformed wood rosin, wood turpentine, and little-known pine oil into an array of purified products, tailor-made for special purposes, that today are indispensable to scores of the nation's leading industries.

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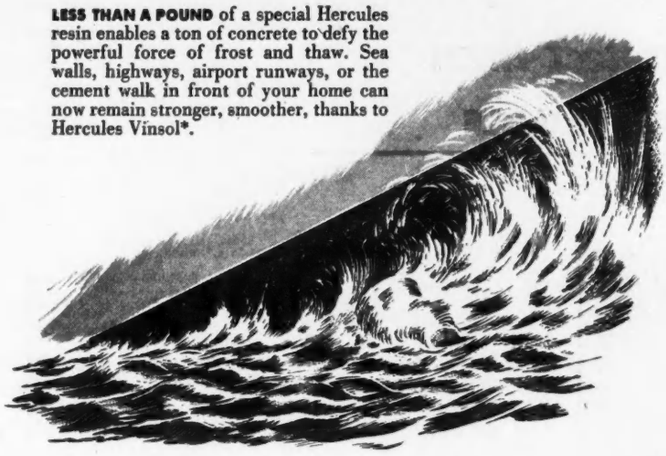
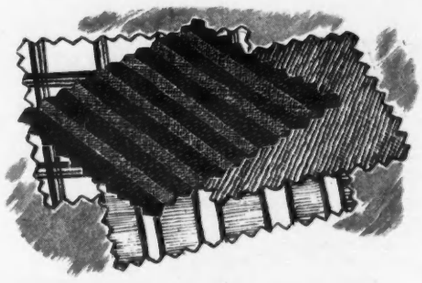
DAVID DIETZ, *Science Editor of the Scripps-Howard Newspapers, Author, and Pulitzer Prize Winner*

LESS THAN A POUND of a special Hercules resin enables a ton of concrete to defy the powerful force of frost and thaw. Sea walls, highways, airport runways, or the cement walk in front of your home can now remain stronger, smoother, thanks to Hercules Vinsol*.





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CONSERVING CRITICAL MATERIALS is but one important contribution of Hercules Poly-pale* resin to varnish resin producers. This polymerized rosin is permitting savings of glycerin and other scarce materials as high as 30% without sacrificing quality

LONGER LIFE FOR ADHESIVES is but one of scores of product advantages gained with Hercules Staybelite*, another rosin chemical. Its ability to retain a tacky nature indefinitely is important to modern surgical and industrial tapes, masking compositions, and many other adhesives.

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TERPENE AND ROSIN CHEMICALS

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N1-41

HERCULES POWDER COMPANY
INCORPORATED
936 MARKET STREET, WILMINGTON 99, DELAWARE

Snakeroot, Canada, bls.....lb. .40 - .42
Soapbark, bls.....lb. .11¾- .12¼
crushed, bls., bbls.....lb. .13 - .14
cut, dom., bls., bbls.....lb. .16 - .19
imp., bbls.....lb. .18 - .19
powd., bbls.....lb. .17 - .18
Soda acetate, anhyd., dms., dlvd. lb. .08½- .10
l.c.l., dlvd.....lb. .06½- .08
NF, bbls., dlvd.....lb. .09½- .10
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., drs.....lb. 1.50 - 1.80
Aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimonate, bbls., dlvd.....lb. .15 - .15½
Arsenate,[6] dms., dealers, c.l., works..lb. .09½- —
l.c.l., same basis.....lb. .10¾- .11¼
Arsenite,[6] gray, dms., dealers, c.l., works..lb. .08¼- —
l.c.l., works..... .....lb. .09 - .10
Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works...100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.13 - —
Soda ash, extra light, 58%, bgs., l.c.l., dlvd. zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.13
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., dlvd. zone 1..... 100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash sales zones are:—(1) All States E. of Miss R. and N. of south. bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31°, Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93°, Ga., Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. N. of 31°; (3) Ark. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex. W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.
Benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .41
Soda benzoate, USP, dms., 2 tons or more..lb. .46 - —
smaller lots.....lb. .47 - .53
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l., works.....100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 - —
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
l.c.l. .....100 lbs. 2.60 - —
powd., bbls., c.l., works.... 100 lbs. 1.85 - —
l.c.l. .....100 lbs. 2.51 - —
kgs., c.l., works.....100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.76 - —
Bichromate,[6] bbls., cks., c.l., works..lb. .07¾- —
l.c.l., works.....lb. .07½- .07¾
Soda bichromate in bgs., ½c. less.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., c.l., same basis.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32°, bbls., c.l., works. 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.30 - —
35°, bbls., c.l., wks..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
44°, bbls., works.....100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs., works..lb. .27 - .30
fiber dms., works, 100 lbs. lb. .28 - .31
Cacodylate, 5-lb. bots., works. lb.17.00 - —
Carbonate (see Soda ash, soda monohydrated, soda salt).
Soda caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., zone 1, dlvd..... 100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.05
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works.... 100 lbs. 1.95 - —
70%, buyers' tanks, works.. 100 lbs. 1.97½- —
sellers' tanks, works... 100 lbs. 2.00 - —
solid, 76%, dms., c.l., works, 100 lbs. 2.30 - —
l.c.l., zone 1, dlvd..... 100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
Caustic soda zones are same as soda ash.
Chloride (see Salt).
Chlorate,[6] cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate,[6,8] bbls., cks., c.l., works, frt. equald..lb. .08¾- —
l.c.l., works, frt. equald..lb. .08¾- .09¾
Soda chromate in bgs. is ½c. lower.
Citrate, USP VIII, bbls.....lb. .18½- —
dms.....lb. .19½- .23½
USP XII, gran., bbls.....lb. .24 - —
dms.....lb. .25 - .29
powd., bbls.....lb. .24½- —
dms.....lb. .25½- .29½
Cyanide,[6] 96-98%, dms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09½- .10¼
anhyd., dms., dlvd.....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, cryst., bbls., 1,000 lbs..lb. 1.25 - —
dms.....lb. 1.40 - —
powdered, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., frt. alld. lb. .17 - .18
Hydroxide, USP, sticks, dms.lb. .24 - .28
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, cryst., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis.100 lbs. 2.50 - —
pea, bgs., c.l., works..100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.75 - 3.05
Soda hyposulphite in bbls., 20c. higher; in dms., 50c. higher.
Iodate, dms., jars.....lb. 5.40 - 5.48
Iodide, bots.....lb. 2.53 - 2.57
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metaphosphate, bgs.....lb. .40 - —
Metasilicate,[6] anhyd., dms., c.l., works, frt. equald..100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.30
gran., bbls., c.l., works, frt. equald..lb. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Molybdate,[6] anhyd., kgs., works, lb. .47 - —
Monohydrated, bbls.....100 lbs. 3.00 - —
works .....100 lbs. 2.55 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, same basis.....ton.27.00 - —
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac., whse..ton.33.00 - —
200-lb. bgs., same basis.. ton.32.40 - —
bulk, same basis.....ton.30.60 - —
refd., gran., bbls., 10 tons.. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equald..lb. .06¾- —
West Coast ports.100 lbs. 8.00 - 8.05
l.c.l., dlvd.....100 lbs. 8.90 - 11.00
Orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
l.c.l., same basis..'00 lbs. 5.45 - 5.85
flake, dms., c.l., wks..100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bbls.....lb. .10 - .11
Pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16¼
l.c.l., works, frt. equald.lb. .17 - —
kgs., works, frt. equald..lb. .19 - —
lb. .19 - —
Pantothenate, dext., 100-gram bots..per gram. .10 - —
Perborate,[6] NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Peroxide,[6] dms., c.l., dlvd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate,[6] dibasic, tech., anhyd., bgs., c.l., works..... 100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.50 - 7.25
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works.....lb. 2.95 - 3.45
USP XII, gran., bbls., dms., works..lb. .10 - —
dried, bbls., dms., works. lb. .16 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
tribasic,[6] anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis..100 lbs. 6.50 - —
cryst., bgs., c.l., same basis. 100 lbs. 2.70 - —
l.c.l., same basis..100 lbs. 3.40 - —
kgs., c.l., works..100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
USP (see Sodium phosphate, dibasic).
Soda phosphate in bbls. is 20c. higher.
Prussiate, yellow, bgs., contracts, works..lb. .09¾- .10¼
spot .....lb. .10¾- —
bbls., contract, works....lb. .10 - .10¼
spot .....lb. .11 - —
Pyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald..... 100 lbs. 5.25 - 6.10
l.c.l., same basis...100 lbs. 5.40 - 6.00
bbls., c.l., wks., frt. equald. 100 lbs. 5.45 - 6.20
l.c.l., same basis...100 lbs. 5.60 - 6.00
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .82 - .85
Sesquicarbonate, bgs., c.l., works. 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd...100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works. 100 lbs. 3.05 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30

"When they're back again, protect them with 'TI-PURE' R," says "DOC" RUTILE

The animated figure "Doc" Rutile, if made of ping-pong balls, would be 10,000,000 times the actual size of a Du Pont Rutile crystal.

"TI-PURE" R110 for interior finishes
"TI-PURE" R200 for white house paints
"TI-PURE" R300 for water dispersion
"TI-PURE" R510 for exterior finishes
"TI-PURE" R610 for tinted house paints and all exterior enamels.

THE USE of less pigment in a baking enamel improves its flexibility and durability, but lowers its opacity unless you use "Ti-Pure" R110 instead of anatase.

The higher hiding power of "Ti-Pure" R assists you in making better, more opaque protective coatings.

E. I. DU PONT DE NEMOURS & CO. (INC.)
Pigments Dept., 1007 Market St., Wilmington 98, Del.

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PIGMENTS

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REG. U.S. PAT. OFF.

BETTER THINGS FOR BETTER LIVING . . . THROUGH CHEMISTRY

Soda silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.18.00 - —
52°, dms., c.l., works...100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride,[6] bbls., c.l., works. lb. .06½- .07
l.c.l., same basis.....lb. .08 - .12
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07½
tech., anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or more, works. 100 lbs. 1.95 - 2.15
less than 5 tons, works. 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
USP. cryst., gran., bbls..lb. .07 - .10
Sulphathiazole, monohydrate, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works. 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works.....100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l. .....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls. .....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - .08
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxylate, stand cont. (125-250 lbs.)..lb. .19 - .22
Solvent naphtha,[6] dms., wks.gal. tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .32 - —
Minnequa, Colo.....gal. .27 - —
high-flash, dms., works...gal. .32 - —
tanks, frt. alld. E. of Omaha. to 2c. per gal..gal. .27 - —
Sorbitol,[6] com'l, dms., works..lb. .17½- —
Soybean meal,[1] 41%, Decatur, bulk, c.l..ton.45.00 - —
Protein, alpha, bgs., 40,000-60,000 lbs., works..lb. .19 - —
100-40,000 lbs., works...lb. .19¼- .19½
less than 100 lbs., works. lb. .28 - —
Sparteine sulphate, bots., cns..oz. 1.80 - 1.90
Spearmint leaves, bls.....lb. .45 - .47
Spikenard root, bls.....lb. .35 - .37
Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works.....lb. .01½- —
pwd., super, bxs., c.l., wks.lb. .04½- —
Squawvine, bls.....lb. No prices
Squill, red, fortified, powd., bbls., bxs..lb. 2.25 - —
White, bls.....lb. .14 - .16
powd., bbls., bxs.....lb. .18 - .19
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .15 - .16
Starch, corn, pearl, bgs.100 lbs. 4.08 - —
Chicago .....100 lbs. 3.72 - —
Corn, powd., bgs.....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0634- —
l.c.l. .....lb. .079 - —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —
Iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.25 - 1.50
Stramonium leaves, bgs.....lb. .22 - .23
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07½- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls.....lb. .37½- —
Salicylate, NF, dms.....lb. 1.10 - 1.15
Sulphate, nat., 92% min., air-floated, 300 mesh, c.l., works..ton.52.00 - —
l.c.l., works.....ton.54.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -57.00
Strophanthus seed, Komba, bgs. lb. 2.65 - 2.70
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Strychnine, NF, cryst., cns., 100 oz..oz. .70 - —
powd., cns., 100 ozs.....oz .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs. oz. .89 - —
Hydrochloride, cns., 100 ozs..oz. .88 - —
Hypophosphite, 25-oz. cns., 100 ozs.oz. 1.00 - —
Nitrate, NF, 100 ozs.....oz. .82 - —
Phosphate, NF, 100 ozs.....oz. .89 - —
Sulphate, cryst., cns., 100 ozs. oz. .88 - —
powd., cns., 100 ozs.....oz. .48 - —
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works..lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, 100-lb. dms.....lb. 9.00 - —
Sulphaguanidin, 100-lb. dms...lb. 5.50 - —
Sulphanilamide, bots.....lb. 1.35 - —
flb. dms.....lb. .90 - 1.00
Sulphapyridin, powd., bots., tins. lb. 5.00 - 5.80
Sulphathiazole, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sesquihydrate, prices same as sulphathiazole
Sulphonethylmethane, kgs.....lb. 5.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contracts..long ton.16.00 - —
f.o.b. vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.15
Sulphur, precipitated, USP, bbls., kgs..lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy bgs., c.l., works..... 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works..... 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
Refined sulphur in bbls., 35c. higher.

Sulphur, refined, USP, bgs., c.l., works..100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
rock, bbls., c.l., works.100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works...100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
Chloride, 55-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07¼
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, comml. cyls., works..lb. .07 - .08
multi-unit cars, works..lb. .04½- .06
tanks, works.....lb. .04 - —
refrigeration, cyls, works, lb. .18 - .21
multi-unit cars, works..lb. .04½- .06
Iodide, bots., jars..... .....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile, under 22% a.p.a., bulk, production points,
Balto..unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84

Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 85½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.03 per ton.
Superphosphate,[1] gran., 2c. per unit-ton higher than pulverized; guaranteed 18%, 19% or 20% a.p.a., ½c., per unit-ton higher.

triple 40% and more a.p.a., bulk, producing points,
Florida..unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.

T

Talc, dom., aluminum-flake type, grd., bgs., c.l., works. ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs., c.l.,works.ton.17.50 -48.00
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
fine, New York, 325 mesh, 93-94%, bgs., c.l., works..ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85-99.95%, bgs., c.l., works..ton.17.00 -21.00
Pennsylvania, bgs., c.l., works..ton.11.00 13.50
l.c.l., works.....ton.12.00 14.50
Vermont, bgs., c.l., works ton.14.00 - —
l.c.l., works.....ton.15.00 - —
imp., Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,6] edible, tanks.....lb. .09½- —
inedible, extra, loose.....lb. .08½- —
special, loose.....lb. .08½- —
sulphonated, 35% (24% fat), dms., c.l..lb. .06½- —
50% (48% fat), dms., c.l...lb. .06½- —
50% (48% fat), dms., c.l...lb. .07½- —
Tallow, sulphonated, l.c.l., 1c. higher.
Tamarind, bbls.....lb. .14 - .15
Tankage,[1] animal, feed, 9-11% ammon., bulk..unit-ton. 5.52 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago .unit-ton. 4.00 & .10
Tapioca flour,[1,6] Brasil, bgs...lb. .06½- .07¼
Java, bgs.....lb. No stocks
Tar acid oil,[2,6] 15-18%, dms., c.l., works..gal. .26½- .27½
l.c.l., works.....gal. .28½- .30
Tar acid oil, 25%, dms., c.l., works..gal. .30 - —
l.c.l., works.....lb. .32 - —
Pine, retort, dms., c.l., dlvd. East..gal. .32½- —
l.c.l., works.....(gal. .29½- —
tanks, dlvd. East.....gal. .27 - —
Tara, powd.....ton.125.00 - —
Tarragon herb, bgs.....lb. 1.50 - 1.70
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47½- .48
dms.....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52½- .54
Terpin hydrate, com'l, bbls., c.l. lb. .75 - .80
l.c.l. .....lb .25 - .25
USP, cryst., bbls., dms..lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .35 - .50
Terpinyl acetate, extra cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.00
Terpinglycol ether, dms., (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks.lb. .08 - .08½
Tetrachlorethylene, N.F., VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
(tech. (see Perchloroethylene).
Tetrailin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 99%, bots., works. lb.12.50 - —
Theobromine,[1,6] makers, primary distrib., dms., 25-lb. lots..lb. 2.80 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride,[6] bots., dms., 100 grams..kilo.180.00 - —

for a tough assignment

···CHROME TANNED LEATHER

The tanning of leather for shoes and other essential uses consumes large amounts of Mutual's chromium chemicals. When fresh animal skin is immersed in suitable chrome solutions, diffusion of the solution into each tiny fibre results in the precipitation throughout of insoluble durable chromic oxide. The product thus formed by this intimate combination of chrome and skin fibre is Chrome Leather, a tough, strong, highly serviceable material, outstanding for flexibility and resistance to wear.

Since the inception of chrome tanning Mutual has supplied leading American tanners with bichromates of the highest quality. Chromium chemicals are also used in many other phases of American essential industries and Mutual's technical staff has contributed valuable data concerning their use. Their services are available for consultation and collaboration with companies interested in the uses of chromium chemicals.

BICARBONATE OF POTASH • CHROMIC ACID • BICHROMATE OF SODA

MUTUAL CHEMICAL CO. OF AMERICA NEW YORK, N.Y. CHROMIUM CHEMICALS

MUTUAL CHEMICAL COMPANY OF AMERICA

270 MADISON AVENUE NEW YORK 16, N.Y.

Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works....lb. 2.00 - —
Thyme,[1] California, French type, lbs., f.o.b. Pacific Coast..lb. .86 - .87
Spanish, bls.....lb. .18 - .18½
Thymol, cns.....lb. 2.40 - 2.75
Iodide, bots.....lb. 3.90 - 4.10
dms.....lb. 3.40 - 3.80
Timbo root,[2,6] (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
Crystals,[6] bbls., bgs.....lb. No stocks
Metal,[1,6] Straits.....lb. .52 - —
Oxide,[6] bbls.....lb. .55 - —
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,5] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., 5 tons one deliv., dlvd..lb. .15½- —
smaller lots, dlvd.....lb. .15½- .15¾
nonchalking,[1,5] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., 5 tons one deliv., dlvd..lb. .16¾- —
smaller lots dlvd...lb. .17 - .17½
plain,[5] bgs., c.l., dlvd.....lb. .14½- —
l.c.l., 5 tons one delivery, dlvd..lb. .14¾- —
smaller lots, dlvd.....lb. .15 - .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium base,[1,5] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
calcium base,[1,5] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
calcium-rutile base,[1,5] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
magnesium base,[1,5] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls.¼c. higher; Pac. cst., ¼c. higher, c.l., dlvd., l.c.l., ex whse.

Titanium tetrachloride, CP, dms., works, 55-gal..lb. .57 - —
smaller pkgs., works....lb. .65 - 1.25
technical, 55-gal. dms., works. lb. .32 - —
smaller pkgs., works....lb. .40 - 1.00
Tolu balsam, cns.....lb. .80 - .83
Toluene (see Toluol).
Toluidin base, distilled, kgs...lb. .96 - —
mixed, dms.....lb. .26 - —
Toluol[6] (toluene), 2° indus., dms., return, works..gal. .33 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .28 - —
West, Minnequa, Colo.gal. .28 - —
1° nitration, dms., return, works..gal. .34½- —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .29½- —
West, Minnequa, Colo.gal. .29½- —
Tonga, 30% bark and vine, bbls.lb. .90 - .93
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs., os. .52 - —
Triacetin, dms., works.....lb. .30 - —
Triamyl borate, dms., works...lb. .33 - —
Triamylamine, dms., c.l., works. lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, 475-lb. dms..lb. .29 - .31
smaller pkgs.....lb. .34 - .46
Phosphate, dms., l.c.l., dlvd..lb. .47 - —
cns., works.....lb. .51 - —
Tributylamine, dms., c.l., works. lb. .78 - —
l.c.l. .....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks .....lb. .07½- —

Trichloroethylene,[6] d m s., c.l., works, Zone 1, frt. alld...lb. .09 - —
Zone 2, same basis.....lb. .09½- —
Zone 3, same basis.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene l.c.l. prices, ½c. higher. Zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate,[6] CP, cns., works..lb. .43½- .54½
dms., c.l., dlvd.....lb. .37½- —
l.c.l., dlvd.....lb. .40½- —
tech., cns., works.....lb. .28½- .45½
dms., c.l., dlvd.....lb. .25 - .31
l.c.l., dlvd.....lb. .25½- .31½
tanks, dlvd.....lb. .24 - .30
Triethanolamine,[6] d m s., c. l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .46 - —
Triethylamine, dms., works....lb. 1.16 - —
Triethyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Triphenyl phosphate,[6] bbls....lb. .31 - .32
Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works, ton.17.50 - —
once-grd., bgs., c.l., works..ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root,[2,6] (see Derris root).
Tungsten metal, powd.,[3] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs.....lb. No prices

Turmeric root, Aleppey, bgs...lb. .12 - .12½
Madras, bgs.....lb. .12 Nom.
Turpentine, gum, dms.....gal. .86½- .87
sulphate-wood, dms., c.l....gal. .65 - .75
tanks .....gal. .57 - .67
wood, d.d., dms., East.....gal. .65 - .70
tanks .....gal. .60 - —
steam-dist.,[1] ret. dms.....gal. .80 - .83
tanks .....gal. .74 - .75

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium[6] oxide, black bgs....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.75.00 - —
l.c.l., ship. pts.....ton.77.50 -85.00
import. pure, cs.....lb. .12 - —
Fertiliser comp., 42% N., bulk, c.l., works or A. or G. ports, ton.57.40 - —
Urea-ammonia liquor (A and B), free ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —
Fixed ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va., NH_3 ton.112.80- —
usual Atla. and Gulf ports, NH_3 ton.116.80- —

C and D prices are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.

Uva ursi leaves, bls.....lb. .22 - .23

V

Valerian root, NF, bls.....lb. .65 - .70
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans,[1] Bourbon, tins..lb.10.00 Nom.
Mexican, cuts, tins.....lb.10.00 - —
whole, tins.....lb.11.00 - —
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] makers, primary distrib., tins, ex eugenol, 25 lbs. or more..lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.75
ex guaiacol or lignin tins, 25 lbs. or more..lb. 2.35 - —
lignin tins, 25 lbs. or more, lb. 2.35 - —
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate,[6] cbys., works...lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., works....lb. .25 - —
Ether, 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis....bot. 1.05 - —
25 c.c., same basis....bot. .65 - —
Vinylpyridin, ret. dms., works.lb. 1.50 - —
Viosterol (irradiated ergosterol), mil. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
E (see Alpha tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum, naphtha, v.m.p.).

W

Wahoo, root bark, bls.....lb. .45 - .55
Wattlebark, E. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers: account...ton.50.00 - —
So. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account....per ton.50.00 -55.00
extract liquid, 35% tannin bbls., works..lb. .05 - .06
tanks .....lb. .0450- .05
solid, So. Afr., 62% tannin, ex dock..lb. .0535- .0560
E. Afr., 61% tannin, ex dock, lb. .05225- .05475
Wax, amorphous, 160°-165° m.p., amber, ctns., 30 tons yearly, contract, group 3, works..lb. .14¼- —
smaller lots.....lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots.....lb. .13 - .13¾
white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots.....lb. .25 - .25¾
180°-185° m.p., amber, ctns., 30 tons, same basis..lb. .16¼- —
smaller lots.....lb. .16½- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller lots.....lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .28¾- —
Bayberry, bgs.....lb. No stocks
Bees,[1] bleached, USP, white, bricks, bgs., ton..lb. .58 - —
discs or cakes, bgs., ton, lb. .60 - —
ctns., ton.....lb. .58½- .60½
slabs, bgs., ton.....lb. .52½- —
yellow, crude, African, bgs., ton..lb. .37½- —
Cent. or So. Amer., sun-bleachable, bgs., ton..lb. .44¾- —
unbleachable, bgs., ton, lb. .41½- —
ref'd, USP, bricks, bgs., ton, lb. .53½- —
disc., bgs., tons.....lb. .55½- —
ctns., ton.....lb. .56½- .58½
rounds or squares, bgs., ton..lb. .57½- —
ctns., ton.....lb. .61 - .63
slabs, bgs., ton.....lb. .57 - —
Candelilla,[1] crude, bgs., ton..lb. .34½- —
smaller lots.....lb. .35½- .44½
Candelilla, powdered, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
refined, bgs., ton.....lb. .44 - —
smaller lots.....lb. .45 - .54
Carnauba,[1] chalky, No. 3, bgs., ton. .71¼- —
smaller lots.....lb. .72½- .81½
North Country No. 2, bgs., ton. .75¾- —
smaller lots.....lb. .76¾- .85¾
No. 3, bgs., ton.....lb. .73½- —
smaller lots.....lb. .74½- .83½
refined, bgs., ton.....lb. .76¾- .80
smaller lots.....lb. .77¾- .90
yellow, No. 1, bgs., ton....lb. .83¼- —
smaller lots.....lb. .84½- .93¼
No. 2, bgs., ton.....lb. .81¼- —
smaller lots.....lb. .82½- .91¼
No. 3, bgs., ton.....lb. .79 - —
smaller lots.....lb. .80 - .89
carnauba wax, powdered (same differentials as candelilla).

TITANOX too
was once a "secret weapon"

Many stories these days tell of "secret weapons" that will startle the world and perhaps even change the course of world affairs. Maybe it's so. Such things have happened in peace as well as in war.

TITANOX pigments are a peace-time example. They were "secret weapons" of the white pigment industry a quarter century ago, but there is nothing "secret" about them now. In fact they are the best known and most widely used white pigments. They definitely have revolutionized the art of making white and light colored paints.

The makers of TITANOX pigments want you to know *everything* about them and invite your inquiry in relation to your products. For the more one knows of these fine, modern pigments, the more he will rely on them to help produce coatings in keeping with this modern age.

TITANOX
REG. U.S. PAT. OFF.

TITANOX
TRADE MARK

TITANIUM PIGMENT CORPORATION
SOLE SALES AGENT
111 Broadway, New York 6, N. Y.
10 South Michigan Ave., Chicago 3, Ill.
550 Townsend St., San Francisco 7, Calif.
2472 Enterprise St., Los Angeles 21, Calif.

Wax, ceresin, dom., 138°-140° m.p., bgs., ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
150°-160° m.p., bgs., 1 ton, lb. .15½- .16
jobbing lots.....lb. .16½- .17
160°-170° m.p., bgs., 1 ton, lb. .16½- .17
jobbing lots.....lb. .17½- .18
Japan, cs.....lb. No stocks
Montan, bgs.....lb. No stocks
Ouricury,[1] bgs., ton.....lb. .45½- .51¾
smaller lots.....lb. .50½- .61¾
Ouricury,[1] bgs., ton.....lb. .49¼- .51¾
refined, bgs., ton.....lb. .62 - —
smaller lots.....lb. .63 - .72
powdered ouricury prices same as candelilla.
Paraffin (see under P).
Spermaceti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .15 - .16
White precipitate,[2] powd., dms., 50 lbs. or more..lb. 1.98 - —
Whiting, chalk, wet-ground, bgs., c.l..ton.21.00 -25.00
l.c.l. .....ton.25.00 -29.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l. .....ton.20.00 -24.00
gilders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. .....ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00
Paris white, bgs., c.l., ton.24.00 -28.00
l.c.l. .....ton.25.00 -29.00
limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works, ton. 6.00 - —
smaller lots, N.E., wks, ton. 7.00 - 9.00
wet-grd., air-floated, 300 mesh, 99¾%, bgs., c.l..ton. 9.35 -10.10
200 mesh, bgs., c.l.....ton. 8.60 - 9.50
90%, bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.13.00 - —
gilders, bgs., c.l.....ton.12 45 - —
putty grade, bgs., c.l..ton.12.00 - —
Precipitated, bgs., c.l.....ton.14 00 -15.00
l.c.l. .....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, bls.....lb. .18 - .19
rossed, green, bls.....lb. .22 - .24
Wild indigo root, bls.....lb. .18 - .19
Witch-hazel extract, dist., NF, bbls..gal. .70 - .75
Leaves, bls.....lb. .10 - .12
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N.Y..ton.20.00 - —
60 mesh, same basis.....ton.24 00 - —
80 mesh, same basis.....ton.27 00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .28
Levant .....lb. 6.50 - —
Wormwood, bls.....lb. .50 Nom.

X

Xanthorrhiza, bls.....lb. .25 - .30
Xylene (see Xylol).
Xylol[5] (xylene), indus. dms. return., works..gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
West, Minnequa, Col....gal. .27 - —
10°, dms., return, works....gal. .35 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .30 - —
5°, dms., return, works....gal. .42 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .37 - —
3°, dms, return, works....gal. .47 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .42 - —
Xylol petroleum solvent, ret. dms., Nr. N. J.....gal. .26 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., bots., cns...lb. 1.75 - 2.20
Yeast, brewer's, dry, 50 B units, dms..lb. .35 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
300 B units, dms.....lb. .60 - —
Yellow, barium chromate, C.P., bgs., l.c.l., dlvd. N. of Tenn. and N. C. E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul..lb. .22 - —

Barium chromate price differentials on deliveries in the various other State and city zones are the same as those for chrome yellow, which are set forth below.

Benzidin, bbls., dlvd.....lb. 1.35 - 2.25
Cadmium, CP, import, bxs...lb. 1.35 - 1.40
Chrome CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .16 - —

Chrome yellow prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Dutch, pink, bbls.....lb. .08 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis.lb. 1.75 - —
Lithopone, bbls., ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis..lb. .65 - —
Sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Mercury oxide, bbls., 1,000 lbs. lb. 1.83 - —
smaller lots.....lb. 1.85 - —
Ocher, American, golden, bbls., works..lb. .04½- .06¼
yellow, bbls., works.....lb. .02 - .02¾
French type, bbls., c.l.....lb. .0345- —
l.c.l. .....lb. .0365- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, Pa...lb. .04½- —
l.c.l. same basis .....lb. .05 - —
synth, bbls., c.l., works....lb. .07 - —
l.c.l., works .....lb. .071 - —
Persian orange (see O).
Zinc,[6] bbls., same basis as chrome..lb. .15 - —
Navy spec. type, bbls., contracts..lb. .15 - —
Yellow dock root, bls.....lb. .38 - .40
Yellow xanthorrhiza (see Xanthorrhiza).
Yerba santa leaves, bls.....lb. .24 - .25
Yohimbine hydrochloride, vls..oz. 3.00 - 5.75

Z

Zein, bgs., 1,000 lbs., works..lb. .25 - —
smaller lots, works.....lb. .30 - —
Zinc acetate, tech., bbls., dlvd.lb. .16 - .17
USP, bbls., 250 lbs.....lb. .26 - .27
kgs., 100 lbs.....lb. .29 - —
Arsenite,[3] bgs., c.l., frt. alld. E of Rockies..lb. .11¾- .12¼
l.c.l., same basis.....lb. .12¾- .13¾
Zinc borate, bgs., c.l.....lb. .12 - —
l.c.l. .....lb. .12½- —
Carbonate, tech., rubber makers' grade, bbls., lb. works..lb. .09¾- .10¾
USP, precip., powd., bbls..lb. .35 - —
dms. .....lb. .40 - —
kgs. .....lb. .37 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.35 - —
gran., dms., c.l., works..... 100 lbs. 5.75 - —
l.c.l., works.....100 lbs. 6.50 - —
USP, dms.....lb. .30 - .31
jars .....lb. .35 - .36
solution, 50%, dms., c.l., works lb. .0315- —
l.c.l., works.....lb. .04¼- .04½
tanks, works.....lb. .0250- —
Chromate (see Yellow, Zinc).
Cyanide, kgs., works.....lb. .33 - .37
Dust,[6] bbls., c.l., dlvd.....lb. .1035- —
l.c.l., works.....lb. .1135- —
Fluoride, bbls.....lb. .25 - .30
Iodide, NF, bots.....lb. 4.54 - —
jars .....lb. 4 46 - —
Laurate, bbls.....lb. .32 - .33
Metal,[1,2,5] (quotations in Protective Coatings market report).
Naphthenate, 8%-10% Zn, 50-gal. dms..lb. .16 - .19½
Oxide, pigment, dom., acicular, bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .07¼- —
American process, com'l, lead free,[6] bgs., c.l., dlvd. lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
leaded, 5%, bgs., c.l., dlvd. lb. .07¼- —
l.c.l., dlvd.....lb. .07⅝- —
Zinc oxide, dom., leaded, 35% or more, bgs., c.l., dlvd..lb. .07 - —
l.c.l., dlvd.....lb. .07½- —
French process, com'l, lead free,[6] bgs., c.l., dlvd...lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
green seal, bgs., c.l., dlvd., lb. .09 - —
l.c.l., dlvd.....lb. .09¼- —
red seal, bgs., c.l., dlvd.lb. .08½- —
l.c.l., dlvd.....lb. .08⅝- —
white seal, bgs., c.l., dlvd. lb. .09½- —
l.c.l., dlvd.....lb. .09⅝- —
USP,[6] 50-lb. cns., c.....lb. .10½- —
l.c.l. .....lb. .10⅝- —
Zinc oxide in bbls., ¼c. higher; Pac. cst., c.l., dlvd., and l.c.l. ex whse., ½c. higher.
Resinate, 8.7% Zn, 100-lb. dms. lb. .14½- —
fused, pale, bbls.....lb. .11 - .13
precipitated, dms., dlvd....lb. .15 - —
Silicofluoride, bbls.....lb. .15 - .16
Stearate, tech., ctns., c.l., frt. equald..lb. .29 - —
ton lots, frt. equald...lb. .30 - —
smaller lots, frt. equald.lb. .31 - —
USP (same prices as tech.).
Sulphate, cryst., bgs., c.l., works, frt. alld..100 lbs. 3.40 - —
l.c.l. .....100 lbs. 4.15 - —
flake, bgs., c.l.....100 lbs. 3.80 - —
l.c.l. .....100 lbs. 4.55 - —
powd., bgs., c.l.....100 lbs. 5.35 - —
l.c.l. .....100 lbs. 6.10 - —
Zinc sulphate in bbls., 25c. higher.
Sulphide,[1,5] pure, bgs., c.l., dlvd..lb. .08¼- —
l.c.l., dlvd.....lb. .08½- —
bbls., c.l., dlvd.....lb. .08½- —
l.c.l., dlvd.....lb. .08⅝- —
barium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
Zinc, calcium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
fluorescent, pigment, works, frt. alld..lb. .90 - 1.00
magnesium pigment, bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Zinc sulphide on Pac. cst. ¼c. higher for pure, ½c. for others.
Sulphocarbolate, NF, bbls., dms., lb. .28 - .31
Tallate, 5% Zn, 50-gal. dms.lb. .09¾- —
Yellow (see Yellow, zinc).
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.65 - —
l.c.l., works.....100 lbs. 6.70 - —
Zinc-cadmium sulphide, fluorescent, works, frt. alld..lb. 2.50 - 2.85
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. E. of Rockies. lb. .06¼- —
dlvd. Pac. cst.....lb. .06½- —
ex whse., Pac. cst....lb. .07 - —

Synthetic Resins

The customary monthly listing of prices for synthetic resins and other branded paint materials was printed in OPD for September 11.

Corporation Earnings

McKesson & Robbins, Inc.

	1944	1943
One year, June 30....	$5,161,069	$5,097,370
Per share.....	2.75	2.85

Merck & Co.

Six months, June 30...	1,337,585	2,106,126
Per share.....	1.09	1.86

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Precluding Employment

The question of adequate postwar employment is daily made more complex by the illogical, senseless utterances and activities of certain groups of organized labor. These groups are clearly a numerical minority, but the noise they make sounds to most people like the reverberation of all labor—and the blame is laid over all. They are doing much to antagonize employers. They are raising the battlecry, "Smash now and hamper, or industry will be in position to smash you as soon as Germany falls." It means nothing to them that the smashing they would do would affect the war program; that the smashing they foretell would fall only upon unions which have misused their strength.

The United Mine Workers refuses to refrain from striking, let the public and the nation suffer as they may from lack of coal. The United Automobile Workers, on the other hand, repeats its "no-strike" pledge—which has been shot full of holes by "unauthorized walkouts." The President has ordered seizures of some seventy coalmines. The miners want a wage-boost in their next contract. The UAW heads look gloatingly to the debacle of the "Little Steel" wage formula.

And on top of all such antipathy, antagonism, and hampering for their industrial colleagues, ownership and management, the leaders of the cantankerous labor groups expect full-time pay for part-time work in the "Halleluja Days" that are to follow the war. It is unfortunate that a typical response of the antiquated business economist to these realistic harpoonings of the possibilities for proper postwar employer-employee relations is that there must be an employer. Circumstances, not far removed from the fronts of today's trends, can easily disprove that platitude.

It can even be that government will not be the sole employer in the expected marihuana-Utopia. "It would be a rare act of sportsmanship on the part of the Roosevelt administration," said the United Mine Workers, "to lay off us until after the election." Which statement is an excellent example of the raw, not rare, acts of something far removed from sportsmanship which have come about by reason of the peculiar relations of Federal government and united labor.

—O-P-D—

Pruning Drug Standards

The proposal to delete from the National Formulary an indefinite number of monographs covering simple or compound drugs decreed to be valueless opens a matter which must be approached with much caution—and at least as much foresight. It is to be expected that the proposal will present several puzzles for consideration by the drug industry's contact committee in its meeting next month.

Revising the scope of the United States Pharmacopeia or the National Formulary to keep pace with ever-varying medical opinion draws much support from certain groups of the medical profession—those who lead in the promotion of new ideas. It finds disfavor among other practicing physicians, perhaps the majority, and is one of the most potent influences of their turning to pharmaceutical specialties. The revising always stumps the drug trade.

But, that is only one side of the question of whether the pharmacopeia and the formulary should be concerned only with drugs which are currently in favor with, let us say, the leaders in medical opinion. What, really, is the function of these pharmacal compendiums? In the preface to the first edition of the United States Pharmacopeia it was stated:—

> It is the object of a pharmacopeia to select from among substances which possess medicinal power, those, the utility of which is most fully established and best understood. . . . The value of a pharmacopeia depends upon the fidelity with which it conforms to the best state of medicinal knowledge of the day.

The National Formulary was established to provide uniform formulas of composition and strength for medicinal preparations popular with the medical profession but not deemed by U.S.P. authorities to be of sufficient importance to be included in the pharmacopeia. The National Formulary has graduated from a mere compilation of formulas to a supplementary — or complementary—pharmacopeia, embracing simple substances, as well as compounded or processed preparations. It should be everything that a pharmacopeia should be.

The definition of a pharmacopeia stated above was adequate to the functions of a book of standards and formulas prepared by physicians for the use of physicians. The pharmacopeia today has a far wider and more important function. Without attempting to determine whether the latest popular state of medical knowledge is that best state which a pharmacopeia should reflect—it certainly has not always been such—leaving aside the desires, and even the needs, of the medical profession, which does not provide the majority of the medication of the public, any revision of the pharmacopeia or of the so-called "formulary" must give first consideration to the function of these compendiums in the providing of standards for drugs under the "pure drug" statutes of Federal and State enactment.

The United States Pharmacopeia and the National Formulary were adopted for statutory drug standards because of their adequate covering of the field. The homeopathic pharmacopeia was added under the present Federal law to fill a gap. If the scope of these compendiums is cut shorter and narrower than the public need for such standards, something else will be found to take care of the margins. And that would be a toehold for eventual complete taking over.

—O-P-D—

Foreign Trade Ideas

In the trend of political thinking, foreign trade is going to be a function of governmental agencies, and not of private enterprise, after the war. The straws going down wind today are headed in the direction of the perpetuation of something like the Foreign Economic Administration—because it is expected that the foreign trade of other important countries will be governmentally controlled, and it is postulated that private enterprise, on one side, has no possibility of getting along satisfactorily or successfully with government control on the other.

In view of the recurrent occasions of necessity for the government of the United States to step in to save foreign-venturing Americans from the avalanches of shifting governmental ideas in monopolization in various parts of the world, that postulate has a goodly measure of soundness. It does not necessarily or logically follow that a new governmental agency is needed in this country. What bars the Department of Commerce from functioning with respect to all economic aspects of foreign trade? Why is not the Department of State's handling of the political side enough? Does there have to be, under any interpretation of a republican form of democracy, a governmental agency to do the actual trading?

The Department of Commerce apparently has been treated much the same as the Department of Labor under the war program. Both have had a goodly part of their functioning placed in the hands of "emergency" boards, administrations, and so on. This has naturally resulted in duplication of endeavor and in conflict of authority. It has also resulted in a lot of things' "falling between two chairs" and not getting done at all. It may be that neither department gave evidence of adequate ability to handle the war jobs. If so, the departmental shortcomings should have been remedied. There never is any common sense in buying a wooden leg to take the place of a temporarily sprained ankle.

The President has set out to reduce the number and variety of bureaus with which the functioning of government has been overloaded, and the functioning of business handicapped, in the pursuit of the war program. This commendable undertaking should be extended to comprise all governmental agencies, from cabinet departments in all directions. Half a dozen cabinet offices—budget, business, defense, domestic affairs, foreign affairs, and justice—would be enough for any need, and properly subdivided could function far better than today's bureaucracy ever has or can.

—O-P-D—

Don't Be a Sniper

The munitions needs of the American armed forces were never more critical than they are now. Available productive manpower is not adequate to meet them. Any nonessential employment of manpower is sniping from the rear.

RESEARCH

EVEN Pollyanna might have difficulty in finding a ray of sunshine in the situation in which many manufacturers have been placed because of present shortages of many materials. Nevertheless the resulting frenzied search for substitutes has often uncovered a hitherto overlooked product which has proven satisfactory or even superior to that formerly used.

Unfortunately, however, it has quite often been found that a new discovery is available in only limited amounts since the producer had not previously received sufficient encouragement to warrant installation of the equipment necessary for large-scale production. Even in such cases the research has not been in vain since with the return of normal conditions the producer will be able to supply the product in adequate amounts, the value of it having been established, and the user will have been awakened to the necessity of investigating all materials which he might use.

There is often a temptation to consider a particular product of manufacture as being entirely satisfactory as regards both quality and cost and to curtail research involving it. Because of present shortages of raw materials and equipment there is also a temptation to curtail research involving new products or new uses for present products.

Chas. Pfizer & Co., Inc. does not subscribe to such views. We believe that when the job now in hand is successfully completed our nation will find itself with a productive capacity greatly in excess of any that it has previously enjoyed and that now is the time to prepare to utilize this. We are increasing our research program, primarily of course in order to help do our share toward finishing this present job as quickly as possible, but also secondarily that new products and new uses for old products may be available for any surplus productive capacity to come. Chas. Pfizer & Co., Inc., 81 Maiden Lane, New York 7, or 444 W. Grand Avenue, Chicago, Ill.

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Heavy Chemicals

Supply conditions in heavy chemicals were subjected to more irregularity during the past week. Production of sal ammoniac has caught up with the consumer demand and left some over. Calcium chloride passed over the peak demand without occasioning any such riot as occurred a year ago. The market for this chemical has been converted into a year around affair and not the former seasonal proposition. Both acetic acid and anhydride were in sufficient supply to meet major consuming requirements. Users of soda metasilicate fared much better on deliveries this month than last. Barium chemicals looked better with some easement in available stocks, although car lot purchases had a tendency to cause some irregularity in the supply.

On the other hand, the soda caustic situation remained about the same. Liquid caustic was reported in better shape than either solid or flaked, but there was no diversion from the tense buying conditions and as long as the government remains a major consumer, the rayon, rubber, oil and soap industries have to take what is left. Soda ash could better its position if sufficient labor could be secured to fill bags. Naphthenic acid was doled out with deep cuts. Except for military production, only a shadow of civilian wants were filled while inventories slid down accordingly. Buyers experienced the usual difficulty in prying any oxalic acid loose while output in some instances was sold ahead almost to the Spring months. Soda cyanide was practically out of the market for civilian use.

Paper production as a percentage of six-day capacity was 94.8 in the week ended Sept. 16, according to the American Paper & Pulp Association. This compares with 76.8 in the previous week and 92.2 percent a year ago.

Supply and production figures in the following market reports were compiled by the Chemicals Bureau, unless otherwise specified.

Ammonia Anhydrous. — Production for the month of July amounted to 42,927 tons, compared with 40,071 tons in June. Stocks at the close of the month were 3,614 tons against 2,488 tons at the end of the preceding month.

Ammoniac Sal.—Demand was reported satisfactory for this material. While shipments have covered a broader consuming field, the major movement was through channels leading to the manufacturers of dry batteries. Production of this chemical has been kept at a level to hold the supply healthy. Material was available for prompt shipment at the close. Prices remained steady and quotably unchanged.

Calcium Chloride.—Still in demand for highway treatment. Supply situation well under control of producers with shipments moving about normal, which is decidedly different than a year ago at this time. Initial inquiries for ice control have reached the market and will increase as the season progresses. General market conditions have changed. Formerly the big movement was spread over a six months' period but demand has expanded sufficiently to adjust the market into an all-year affair.

Copper.—Refined copper requirements should be approximately 379,000 tons per quarter after Germany's defeat, the copper producers' industry advisory committee heard at a recent meeting, WPB announced. Military and essential civilian needs should consume 281,000 tons and civilian uses 98,000 tons, government officials indicated. The need for maximum production for war needs was stressed as being of paramount importance until victory in Europe is won.

Copper Sulphate.—According to official advices, it is stated that about 18,000,000 pounds of this material were used in Florida in the last fertilizer year, about one-half for fertilizer and the other for spray. The general market supply position has shown gradual improvement and the stockpile is expected to increase until the government decides how much can be allowed for lend-lease. Government technicians in Argentina have suggested domestic production of copper sulphate to augment insufficient supplies of chemicals for agricultural use, according to trade reports reaching the Department of Commerce. It has been proposed that a national industry be inaugurated at Mendoza where raw materials are available.

Potash Caustic.—Supply position remained tight with production insufficient to comfortably meet requirements. July production amounted to 3,485 tons, compared with 3,745 tons in June. Stocks at the end of July were 1,775 tons against 1,931 tons at the end of June.

Potash Chlorate.—Heavy production and heavier allocations have kept the supply situation relatively short. The opinion was expressed in some first-hand quarters that difficulty may be experienced in meeting full allocation requirements for the third quarter.

Soda Ash.—Reported firm and tight. No easement could be noted in consuming demand and short shipments have been necessary in some instances. Bulk ash was in the best shape for delivery but the shortage of manpower was emphasized in placing material in bags. The call for dense ash was exceedingly heavy from the glass industry. The general market has felt the impact of a broad demand in which the government directly or indirectly is reported to have played an important part. In some producing quarters, the supply situation is not expected to relax until the European war is ended. Total production of wet and dry ash for July was 375,921 tons compared with 371,754 tons in June. Production of finished light ash amounted to 201,828 tons against 202,806 tons in June. Production of dense ash was 121,159 tons compared with 115,940 tons in June. Stocks of light ash at the close of July were 32,119 tons against 26,377 tons at the end of June. Stocks of dense ash at the end of July were 9,618 tons against 9,582 tons at close of the preceding month.

Soda Caustic.—Supply situation tight and somewhat irregular with liquid reported in better shape than either solid or flakes. Demand has shown no signs of relaxation. While the major movement seems to be toward the rayon mills, heavy shipments were reported for use in the oil, soap, rubber and textile industries. Aside from this, the government has been a substantial buyer. Shipments in many instances are behind contract schedules, the delay regulated mostly by the grade desired. July production of electrolytic liquid 105,455 tons and lime-soda 58,115 tons. Stocks of electrolytic July 31 were 37,760 tons and lime-soda 12,886 tons.

Soda Cyanide.—Supply shortage of this chemical was acute. To avoid the extensive paper work of interim applications, WPB has amended order M-300 so that the small order exemption of 1,000 pounds will be made effective until October 1. After that date, the small order exemption will be 400 pounds.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
169.0	169.0	169.0	170.6

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

Acids

Muriatic.—July production amounted to 31,639 tons compared with 30,667 tons in June. Stocks at the end of July were 3,117 tons against 2,533 tons at the end of June.

Nitric.—July production was placed at 38,974 tons against 39,275 tons in June. Stocks on July 31 amounted to 6,795 tons compared with 6,555 tons on June 30. Heavy demand for mili-

For Current prices see alphabetical listing beginning on page 9.

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tary use is taking all ordnance material leaving civilian supply to commercial manufacturers.

Oxalic.—Heavy sold ahead position of producers has left the market definitely short of available stocks. In some instances, production has been booked through the first half of February, 1945.

Phosphoric.—Production of 50 percent H_3PO_4 for the month of July was 57,219 tons compared with 55,531 tons in June. Stocks at the end of July amounted to 14,383 tons against 14,764 tons at the close of June.

Sulphuric.—Output during June was given at 249,775 tons of 100 percent H_2SO_4 of chamber acid and at 443,008 tons net by contact process. These figures compare with June production of 236,879 tons of chamber and 437,959 tons by contact process.

Baltimore, Sept. 22.—Production of sulphuric acid proceeds here as it has during the war period, with the government expanding its demands because of the growing use of high octane gas, which is needed in increasing volume for airplane operations, and which is prompting an addition to facilities, with the requirements especially in the Gulf states pressing. This makes it difficult to find acid for other purposes, and creates a market for all of the production available. Meanwhile the ceiling remains at the top figures realized by the producers in March two years ago.

Insecticides

Activity has subsided in the insecticide market and the season is practically over for this year. It is too early to formulate estimates of inventories carried over but it is understood that early buying greatly facilitated the general movement and that requirements were satisfied without unusual difficulty. Preparations are now in the initial stage for next year's output.

Production of calcium arsenate for the month of July was placed at 8,228,000 pounds compared with 7,401,000 pounds in June. Stocks at the close of July were 12,081,000 pounds against 7,965,000 pounds at the end of the preceding month.

Chemical Allocations

—Continued from page 7

ported metaparacresol and cresylic acid:—allocation to follow later. Petroleum Cresylic Acid:—Allocated for tricresyl phosphate; ore flotation; plastics; carbon remover, 100,179 pounds; disinfectants, 169,804 pounds; miscellaneous uses, 105,524 pounds.

Diacetone.—Requests for civilian uses for September were allocated as follows:—Brake fluid, 8,000 pounds. All others denied.

Dichlorethyl Ether.—All requests granted in full.

Di-isobutyl Adipate.—Only a small quantity was allocated, exclusively as a plasticizer for rubber products to be subjected to extremely low temperatures.

Dipentene.—All requests granted 100 percent.

Emetine.—End use—medicinal only. Granted for medicinal use only and allocated 100 percent of requests.

Ethyl Acetate (for Protective Coatings).—The following end uses were allowed 100 percent as follows, with the exception of "all others":—Aircraft, electrical and communication equipment, containers, packages and accessories, 508,383 pounds; machinery, equipment, tools, health, safety and scientific equipment, printing, printing inks, publishing and engraving accessories and photographic material and equipment, 286,775 pounds; public transportation, ambulances and new trucks, 122,931 pounds; women's, infants' sanitary wear, baby carriage cloth, non-allergic pillow cases, surgical adhesive tape and plasters, case cloth for scientific, safety, precision and optical instruments, cases, upholstery (vehicle), shoes and transmission belting, 521,194 pounds; laundry equipment, refrigerators and coolers, hardware and locks, heating equipment, plumbing, clocks, maps and charts, covers and holders, buttons, buckles and baby carriages, 104,592 pounds; all other civilian end uses were allowed a percentage based on former use picture, 1,148,836 pounds. Raw materials and operating supplies were allowed 100 percent as follows, with the exception of small orders:—Acetic acid concentrate, 89,538 pounds; ethyl acetoacetate, 585,000 pounds; cellulose acetate plastics, 386,671 pounds; cements and adhesives, 379,130 pounds; drugs and pharmaceuticals, 105,405 pounds; denaturants, 361,135 pounds; research, 2,584 pounds; cleaning solvent, 22,622 pounds; fabrics (chemical), 26,600 pounds; small order, 559,361 pounds.

Ethylcelluose.—Allocated as follows:—Sterilizable adhesive bandage, 100 percent of request; photo stripping solution, 100 percent of previously established usage; special draftsmen's tracing cloth, 100 percent of request; heat-sealing lacquer for dehydrated foods, 100 percent of request; ceramic labeling compound, 100 percent of previously established usage.

Formaldehyde.—Allocated 100 percent for civilian use in the amounts shown below: drugs and pharmaceuticals 35,540 pounds; dyes and intermediates 252,747 pounds; embalming fluid 77,000 pounds; leather 119,300 pounds; miscellaneous 148,760 pounds; protective coatings 13,190 pounds; resale 631,000 pounds; research 7,100 pounds; textiles 696,675 pounds. The following uses were allowed 100 percent; adhesives; miscellaneous resins; paper; photographic chemicals, rubber chemicals.

Furfural.—All civilian requests were granted in full.

Gasoline Gum Inhibitors.—All grades of gasoline gum inhibitors were allocated 100 percent for September, for essential civilian use.

Glycols.—Mixed Glycols: Civilian requests for the manufacture of antifreeze were allocated according to previously arranged schedules under L-51. Civilian requests for chemical manufacture were allowed 80 percent. Civilian requests for the manufacture of brake fluid and textiles were allowed 75 percent. *Triethyleneglycol:* All civilian requests were allowed in full. *Ethyleneglycol:* Civilian requests for the manufacture of antifreeze and cellophane were allowed according to previously arranged schedules under L-51 and L-20 respectively. All other requests were allowed in full. *Propyleneglycol* and *diethyleneglycol:* Were deleted from the allocation list.

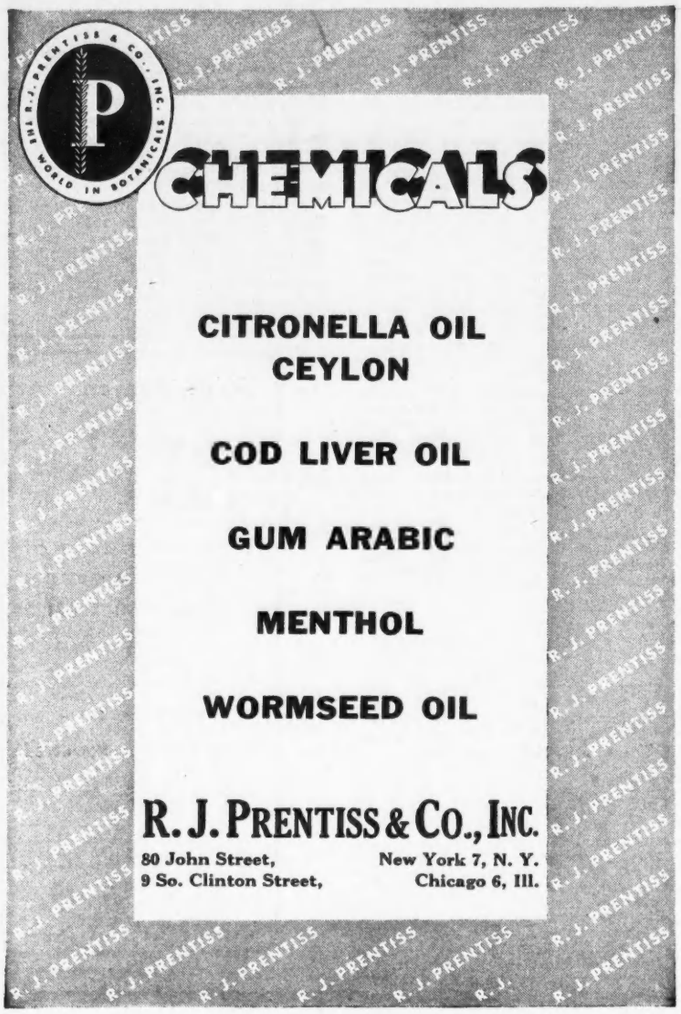
Glycol Ethers.—Monoethyl ether of ethylene glycol: All civilian requests were granted in full. Monomethyl ether of ethylene glycol: Civilian requests for general solvent uses were denied. All other civilian requests were allowed in full. *Monobutylether of ethyleneglycol:* Civilian requests for chemical manufacture were allowed 55 percent. All other civilian requests were denied. *Monoethylether of diethyleneglycol:* All civilian requests were denied.

Hexahydric Alcohols.—Crystalline *sorbitol:* All civilian requests for the manufacture of ascorbic acid were denied because of excessive consumer stocks. Other civilian requests were granted in full. *Mannitol:* All civilian requests were granted in full. *Technical d-sorbitol:* Civilian requests for the manufacture of ascorbic acid were allocated according to requirement schedule under M-300-41. Civilian requests for the manufacture of food were denied. Other requests were allowed in full. *Arlex (commercial non-crystalline isomeric mixtures of sorbitol).* Deleted from the allocation list.

Hexamethylenetetramine.—Allocated

In Research Post

The Continental Carbon Company, New York, has appointed Dr. Leonard H. Cohan as director of research in charge of its Chicago and Sunray, Tex., activities. Dr. Cohan assumes his new post after having served as chief chemist for the Continental organization since 1942, prior to which he was a research chemist in the company. Prior to joining Continental, Dr. Cohan was a member of the faculty at Johns Hopkins University.



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PACKED IN
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BUY BONDS TODAY!
VIRGINIA SMELTING CO.
WEST NORFOLK, VIRGINIA

100 percent for essential civilian uses in September.

Higher Aliphatic Alcohols.—2 Ethyl hexanol: All civilian requests for the manufacture of wetting agents were allowed 50 percent. All other civilian requests were allowed in full since only a few thousand pounds were involved. *Mixed alcohols:* There were no civilian requests. n-Decanol: There were no civilian requests except for small orders. This was allowed in full. *Capryl alcohol, olely alcohol, n-octanol:* All civilian requests were allowed in full. *Lauryl alcohol:* All civilian requests for the manufacture of pharmaceuticals were denied. Civilian requests for the manufacture of detergents were allowed 8 percent. Civilian requests for chemical manufacture were allowed 75 percent. All other civilian requests were allowed in full.

Hydrofluoric Acid, Anhydrous.—The supply remains tight but all essential military and civilian requirements were met. Requests for aqueous acid for civilian use were denied and the allotment for Freon was made in accordance with the program under M-28.

Ipecac.—End use—medicinal only. Ipecac granted for medicinal use only, 40 percent of requests.

Isobutyl Alcohol.—The following essential end uses were allowed in September:—Hydraulic brake fluid, 100 percent; rayon lubricants, 100 percent. All other civilian requests denied.

Isopropyl Acetate.—The following requests were granted in full:—Intermediates for sulfonamide drugs, acetic acid and acetic anhydride, new shoe cements, laminating adhesives, lube oils, penicillin, aircraft, electrical and communication equipment and containers, packages and accessories, industrial machinery, equipment and tools, health, safety and scientific equipment, printing inks, printing, publishing and engraving accessories, and photographic material and equipment, public transportation, ambulances and new trucks, women's and infants' sanitary wear, non-allergic pillow cases, surgical adhesive tape and plasters, baby carriage cloth, upholstery (vehicle), case cloth for scientific, safety, precision and optical instrument cases, shoes and transmission belting, laundry equipment, refrigerators and coolers, hardware and locks, heating equipment, plumbing, baby carriages, clocks, buttons, and buckles, and map and chart covers and holders. Small orders were granted one-half the requested amount. A percentage, based on former end use picture, was allowed for all other civilian uses.

Isopropyl Alcohol, 91 Percent.—The following requests were denied:—Cleaners and removers, cosmetics, hospital sheeting, rubbing alcohol, technical coatings, window cleaners, insect repellents, shoe polish and cleaner, sheeting (other than hospital), metal polish, and sterilization of instruments. Requests for disinfectants and germicides and small orders were given one-half of the amount requested. All other requests were granted in full.

Isopropyl Alcohol, 95 Percent.—All requests granted in full, except for rubbing alcohol and cosmetics, which were denied.

Isopropyl Alcohol, 99 Percent.—The following requests were denied:—Cleaners and removers, cosmetics, hospital sheeting, rubbing alcohol, window cleaners, sheeting (other than hospital), and shoe polish and cleaners. Requests for small orders and technical coatings were given one-half the amount requested. All other requests were allocated in full, including anti-freeze, in accordance with L-51 quotas.

Lithium Compounds.—All requests were allowed in full during the month of September. These included alkaline batteries, air conditioning, glass and ceramics, lubricants, medicinals and miscellaneous. Lithium plants are not operating at full capacity at the present time due to reduced demands. Additional amounts of lithium compounds can be made available for new uses.

Maleic Acid.—Allocations were as follows: Rubber 400 pounds or 100 percent; cellophane 250 pounds or 100 percent; fumaric acid 100,000 pounds or 100 percent.

Maleic Anhydride.—The end uses listed below were allocated as follows: Abrasives 400 pounds or 100 percent; experiments 6,105 pounds or 79 percent; polyvinyl resins 11,450 pounds or 100 percent; phthalic resins 77,574 pounds or 66 percent; zinc

—*Continued on page 39*

Kiln Burned
HARDWOOD CHARCOAL
Now Available at
$32. PER TON BULK BASIS
f.o.b. Argyle or Meta, Missouri, or Baron, Oklahoma. (Our Option)
PAPER BAGS, $4.00 Per Ton Over Bulk
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PQ SILICATE AID: Metso Cleaners, efficient grease removers, also restrain etching effect on sensitive metals. This is due to their soluble silica content. Now tin and aluminum are cleaned thoroughly and safely. Ask for Bulletin No. 333 "Effect of Alkaline Detergents upon Metals".
PHILADELPHIA QUARTZ COMPANY
SILICATES OF SODA
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Fertilizer Materials

Aside from their inability to secure sufficient basic products, fertilizers factories have shown considerable concern over the continued shortage of manpower. The scarcity of labor in some areas is approaching the acute stage. The shortage in the South has been reflected in production and it is contended that if output was normal, mixers would be confronted by a scarcity of certain materials. War prisoners have been utilized in some sections to harvest crops and upon the success of this undertaking will depend the farmers' ability to purchase next season's fertilizer.

Establishment of higher producing costs has created a firmer undertone to the superphosphate market and there was a tendency apparent to recognize the top ceilings for prices on new business. Official figures for July production revealed a decline in normal compared with June and a slight advance in triple. Stocks at the close of July were lower than June for normal and slightly higher for triple.

Office of Price Administration has permitted a higher maximum price for castor pomace in some of the Western states. The figure is $4.50 per unit of ammonia for bags f.o.b. producing point. The price of $2.90 remained unchanged in the East. The advance registered in the Western area is a reflection of the high transportation charges on castor beans from New Orleans. No increase on the price of mixed fertilizer will occur as a result of this action.

Western advices were more encouraging on fish meal production than those in the East where the output has been exceedingly light. California reports some increase in production but not enough to meet requirements.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

Nitrogenates

Ammonia Sulphate. — Shipments against WPB allocations are taking production rapidly enough to prevent accumulations. The market was reported in good shape with the price position well sustained.

Bone Meal.—Aside from a definite shortage of raw bone meal there seemed to be enough steamed around to satisfy demand. Buying interest from feeders was not extensive while sellers were not inclined to shade the ceiling figures to induce new business.

Castor Pomace.—Short available stocks prevented sales of this material. According to reports production is not on an elaborate scale and contract withdrawals are absorbing stock as rapidly as produced. The current quotation has kept this commodity attractive compared with other nitrogenates. On Sept. 25, a maximum price of $4.50 per unit of ammonia for castor pomace in bags, f.o.b. point of production West of the 100th meridian, was announced by the OPA. The 100th meridian runs through North and South Dakota, Nebraska, Kansas and Texas.

Dried Blood.—No further reports of buying for fertilizer use but some car lot sales of domestic to feeders were noted at ceiling levels. There was slight easement from the tight supply condition noted during the previous week.

Soda Nitrate.—Position firm with demand active. Assurance of increased shipments of imported material has improved supply outlook. Current movement progressing under WPB regulations.

Phosphates

Phosphate Rock. — Acidulators in most instances are calling for full contract deliveries of phopshate rock. The combined movement is reported to be appreciably above that of a year ago. Some inquiries were reported for lend-lease but no sizable quantities have been purchased of late. The supply situation remained favorable with prices firm at former levels.

Superphosphate.—Production is reported to be holding its gain over a year ago but difficulty in securing sulphuric acid and sufficient labor continues to be experienced. Some of the largest producers have found the manpower shortage the most troublesome. Labor conditions in the Baltimore area seemed to be assuming an acute stage. Demand from fertilizer factories remained satisfactory and fully equal to seasonal expectations. The Bureau of the Census places July production at 506,676 tons of normal 18 percent a-p-a, 22,986 tons of 45 percent and 3,642 tons of wet base 18 percent. Stocks at the end of the month were 745,638 tons of 18 percent, 47,800 tons of 45 percent and 4,047 tons of wet base 18 percent.

Potashes

Deliveries against standing contracts represented the major part of the week's movement in muriate and manure salts. Mixers are covered through March, 1945 and material has been shipped out steadily under WPB regulations. Production has kept the supply situation satisfactory while demand has prevented any excess inventories.

Sulphur and Pyrites

Although a heavy demand covering government and civilian wants has reached the sulphur market, the supply has been fully adequate to meet requirements. Shipments have moved promptly from mines and the overall situation has remained satisfactory. Trading in Spanish pyrites has been restricted by uncertainty of shipments from supply points.

Markets at Other Centers

Atlanta, Sept. 22.—The fertilizer industry is watching with keen interest the farmer's progress in harvesting his crops which is seriously beset with a labor shortage. Upon the success of the undertaking will depend in no small measure the farmer's ability to buy next season's fertilizers. Senators and Congressmen have been active in obtaining war-prisoner labor especially for a hurry-up job of harvesting peanuts. Allocation of several thousand prisoners to the peanut belt of the South is reported. Meanwhile fertilizer manufacturers are contending with a labor shortage that grows in intensity.

Baltimore, Sept. 22.—Fish scrap—The menhaden fishing season is dragging along and seems to be getting worse instead of better, with the weather perhaps the greatest handicap as it interferes with operations and seems to be responsible for the disappearance of the schools of fish, which either go to unknown waters or seek such low depths that the fishermen cannot follow. The production, consequently, continues to fall short, with the hurricane of last week forcing a complete suspension of work. It has become a question now whether they can make enough scrap to fill the sales on a when-and-if-made basis already booked without taking on any additional commitments.

Chicago, Sept. 22.—Trade interest in nitrogenous fertilizer material was moderately good. Offerings of various classes of products are not particularly depressing to the market currently. Livestock supplies seemed to be no particularly strong influence on stocks. Blood business was reported fairly good. Dried blood, principal grade, $5.53 per unit of ammonia. Tankage, feeding grade, $5.53 per unit; liquid stick, $1.75 to $2; hoof meal, $4.25 to $4.50. Bone materials, ground bone, steamed, 3 and 50 percent, $35 to $38 per ton; cattle jaws, skulls and knuckles, $44 to $50.

Los Angeles, Sept. 20.—Market continues quiet here insofar as organics are concerned, and recent shipments of blood meal and tankage from Argentina have not been moved as yet at ceiling prices. The ammonia nitrate situation is tightening up somewhat and shipments for August have been reported as just completed. A further curtailment in production is anticipated which is likely to result in a critical situation on the West Coast and as yet nothing has been heard from Canadian producers as to possible shipments.

For Current prices see alphabetical listing beginning on page 9.

Domestic SULPHATE of AMMONIA AND AMMONIA LIQUOR
MADE IN THE U.S.A. — Barrett NITROGEN
THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
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62/63% K_2O ALSO 50% K_2O
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22% K_2O MINIMUM
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FIRST...

FIRST...in total production of 60% Muriate of Potash;

FIRST...in increased production to meet huge war-time demands of agriculture;

FIRST...to win the Army-Navy E;

FIRST...to win the White Star for "continued meritorious service on the home front";*

FIRST...to win the 2nd White Star for "great and continuing contribution to the cause of freedom".*

FIRST, last and always, PCA's Red Indian Trade Mark is a safe symbol to tie to, now, today, and in Post War days tomorrow.

*Quotations from letters of Robert P. Patterson, Under-Secretary of War.

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HI-FLASH SOLVENT

PHTHALIC ANHYDRIDE

DIBUTYL PHTHALATE

NIACIN (Nicotinic Acid)

PYRIDINES · PICOLINES · QUINOLINE

TAR ACID OILS

NEUTRAL COAL-TAR OILS

CREOSOTE OIL

CUMAR* (Paracoumarone-Indene Resin)

CARBONEX* · CARBONEX S

RUBBER COMPOUNDING MATERIALS

BARDOL*

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Barrett

ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

Heavy withdrawals of the basic coaltar chemicals for government use have prevented any easement in the supply situation. In fact, stocks of benzol, toluol and xylol for civilian requirements seemed to be tighter than in the preceding week. The flow of materials through military channels constituted the major movement. Leftovers were allocated to industry but the split was not enough to break down the tight position which has characterized the intermediates over a prolonged period. The opinion was shared by some that the supply plug will be pulled at the culmination of European hostilities. Meanwhile, the going has not been easy for consumers who desired to cover immediate or nearby requirements in acids, intermediates or colors.

In an amendment to order M-103 relating to exports of dyestuffs and organic pigments, paragraph "e" states in part that authoriztaions for the delivery and acceptance of delivery of additional quantities of classes A, B, C or D dyestuffs for domestic use (excluding dyestuffs to be used domestically in dyeing apparel for export) may be granted to the extent that it is necessary for the user to obtain additional dyestuffs to carry out a WPB order, direction or approved program. Additional dyestuffs shall be deemed necessary when the user has insufficient supply of dyestuffs to carry out such orders, directions, or approved program provided he is not using any of his regular quota to dye or print any material a deeper shade than a standard consistent with available supplies or dyestuffs and the needs for particular shades in carrying out WPB orders, etc. The granting of authorizations among dyestuffs users participating in the same approved program shall, in so far as practicable be based on their proportionate participation in such direction.

Steel operations for the week beginning September 18 were scheduled at 95.7 percent of ingot capacity, compared with 94.2 percent for the previous week, according to the American Iron and Steel Institute. A month ago the indicated rate was 94.5 percent. The current schedule is equivalent to a production of 1,714,300 net tons of ingots and castings for the week, compared with 1,687,000 tons for the preceding week, and 1,753,400 tons for the corresponding week in 1943.

Basic Products

Benzol.—Market felt the full impact of demand from the government's expanded program for the manufacture of aviation gasoline. This condition tended to tighten the market and kept the supply available for other uses at a relatively low level.

Coaltar. — Sustained movement to processing and refining plants with relief shipments to areas where fuel oil is short. Production remained keyed to a level somewhat above that of a year ago.

Creosote Oil.—Supply situation possibly subjected to a little more irregularity. In some quarters an improved demand was reported while in others no unusual change could be noted. Labor shortage has curbed big processing and the raliroads will probably use less than in other years. All inquiries are being satisfied from domestic production, owing to the absence of imports.

Cresylic Acid. — Maintenance of steady demand from plastic, textile and other consuming industries was reflected in the tight supply position of this market. Some shipments of foreign material were reported, but not enough to appreciably relieve the available stock situation.

Naphthalene. — Heavy shipments have continued to drain production. Demand for use in the manufacture of phthalic anhydride, as well as for other intermediates and chemical compounds, remained extensive. The supply situation was reported tight with prices firm.

Phenol.—Reported firm. Demand

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

covered a broad field. Aside from government requirements, the plastic, medicinal and chemical industries were actively represented in the week's movemnt.

Toluol.—Major part of production moved for war production industries and essential civilian requirements. Position definitely tight, with material moving as rapidly as available.

Chicago, Sept. 22.—Coaltar bases remained in good call, with buyers apparently willing to take virtually all material currently available, and in some cases inquiring for additional quantities. Benzol business was good. Ruling prices, exclusive of tax, were:—Benzol, 90 percent, freight allowed up to 2c. per gallon, 15c. per gallon; toluol, 2-degree, same basis, 28c.; industrial xylol, same basis, 27c.; 10-degree xylol, same basis, 30c.; solvent naphtha, same basis, 27c.; creosote oil, same basis, 15½c.

Hydrogenated Solvents

Cyclohexanol.—More of this material seemed to be finding its way for war production use while a moderate demand was reported for the manufacture of synthetic resins. The market did not relax from its steady position.

Cyclohexanone. — Supply situation meeting government requirements as well as essential civilian wants. Demand showed a tendency to expand while the market's price structure was reported firm.

Methylcyclohexanol. — Market position steady under a somewhat better demand for government use. Supplies generally moderate but sufficient to meet essential civilian requirements.

Coaltar Acids

Benzoic, Technical.—Backed by the shortage and strong position of basic material, the acid has presented a firm appearance. Curtailed production has kept supplies limited.

Broenner's.—Labor shortages and difficulty experienced in securing basic materials have been influences sufficient to curb production. The market was reported firm and tight at former levels.

Cleve's.—Regular consumers have taken deliveries and the demand from this source has kept the available supply at a low level. The market maintained its firm position.

Fumaric.—Shipments for essential requirements constituted the market's movement. The limited extent of available material contributed strength to the situation.

Salicylic, Technical. — Production curbed by the difficulty in securing sufficient quantities of benzol. Shipments restricted to essential wants.

Tobias.—Shortage of labor combined with tight position of basic materials kept the available supply at a relatively low level. The price tendency was reported firm.

Other Intermediates

Anilin. — No easement in supply conditions and not likely to be until the benzol market loosens up. The active call from the chemical, dyestuff and other consuming industries has expanded beyond the present limit of anilin production.

Betanaphthylamine. — Difficulty in securing basic material has been reflected in a short supply of this intermediate. Essential wants have been given the preference.

Dinitrobenzene. — Between government requirements and essential dyestuff wants, the supply position had no chance to improve. Price position firmly maintained under these influences.

Dinitrotoluene. — Market conditions governed by basic situation. Restricted production kept supply situation

For Current prices see alphabetical listing beginning on page 9.

Coke By-Products

Estimates of by-product coke-oven operations in the week ended Sept. 16, indicate the following output of by-products from that source:—

Ammonia sulphate	lbs.	38,563,566
Benzol	gals.	3,783,135
Coaltar	gals.	14,766,429
Creosote oil	gals.	781,034
Naphthalene	lbs.	1,647,494
Phenol	lbs.	219,666
Toluol	gals.	756,627
Xylol	gals.	170,851

tight and contributed strength to market's position.

Paradichlorobenzene.—No easement in supply situation in sight. Production heavily under contract with short shipped deliveries necessary in some instances. Doubtful if nearby shipments can be booked.

Phthalic Anhydride.—Plenty of inquiry from the synthetic resin producers, as well as the dye and intermediate manufacturers. Not enough material to satisfy demand in full, but essential industries have received a fair split of the available supply.

Soda Naphthionate. — Dyestuff demand curbing any easement in supply situation. Market firm and quotably unchanged.

Toluidin.—Conditions in basic material reflected in this market. No sign of improvement in supply situation until basic products assume a more normal position.

Xlidin.—Similar to other intermediates where basic supply conditions the market. Short stocks held buying situation tight without revealing signs of nearby easement.

Coaltar Colors

While wartime requirements have continued to play an important part in the market's movement, textile mills have also been well represented for Springtime colors. Woolen colors covering greens, browns, pinks and yellows, have been in demand, while sales have been made in compliance with existing dyestuff regulations. The supply situation has not eased appreciably and probably will not until government requirements are satisfied.

Chemical Allocations

—Continued from page 36

chromates 5,688 pounds or 82 percent; oil demulsifications 1,225 pounds or 100 percent; oil additives 3,600 pounds or 78 percent; pharmaceuticals 600 pounds or 43 percent; paper sizings 3,000 pounds or 100 percent; rubber 1,567 pounds or 77 percent; substituted oils 54,891 pounds or 92 percent; polystyrene resins 95,000 pounds or 100 percent; tanning agents 8,150 pounds or 82 percent; toluene purification 1,325 pounds or 100 percent; wetting agents 20,725 pounds or 89 percent; maleic resins 317,643 pounds or 57 percent; phenolic resins 15,715 pounds or 47 percent.

Methanol.—Requests for the wood distilled denaturing grade 95-97 percent for civilian uses were granted in full. Requests for anti-freeze granted in accordance with L-51 quotas.

Methanol, Synthetic.—Civilian requests were allocated as follows: allowed in full for photographic products, drugs and pharmaceuticals, dyes and dye intermediates, wood stains, extractions and solvent uses; 58,331 gallons allowed for protective coatings, and 428,257 gallons allowed for all others.

Metallic Sodium.—Data not available at time this report was prepared.

Methylethylketone. — The following essential civilian end uses were allowed in September: Cellulose acetate sheets 100 percent; aromatic chemicals 100 percent; vinylite coatings 80 percent; miscellaneous 80 percent. Requests for nitrocellulose lacquers and thinners were denied.

Methylisobutyl Ketone.—The following end uses were denied: Bowling alley lacquers, civilian furniture, miscellaneous lacquers, transportation refinishing, civilian shoes. All other civilian end-uses were granted 100 percent except food containers which were granted 50 percent.

Naphthalene.—Allocated for phthalic anhydride (M-214); beta naphthol: other dyeing intermediates, 791,000 pounds; other uses 100 percent; agricultural insecticides, 110,000 pounds. Denied for moth repellent use with exception of small quantities allowed for hardship cases.

Naphtha, Enamel Wire. — Enamel wire solvent naphtha production reported for September was reduced. Experiments for substituting refined high-flash naphtha for this solvent are in industrial practice now: the replacement being to the extent of twenty-five percent the average enamel wire naphtha consumption. Requests for electrical and communication equipment were allowed 100 percent.

Naphtha, High Flash. — Notwithstanding the substitution of high-flash naphtha for enamel wire naphtha mentioned, requests for high-flash naphtha also declined somewhat. Larger quantities of this material are going into civilian end uses. Requests for September were for the following non-military end uses and were granted 100 percent; transportation, electrical and communication equipment, industrial machinery equipment and tools, basic industrial products and processes, textiles and leathers, health, safety and scientific equipment, photographic materials and equipment, printing inks, printing, publishing and engraving accessories, furniture, laundry, kitchen and refrigeration equipment, building materials and building, containers, packages and accessories, miscellaneous, including recreation and amusement.

Naphthenic Acid and Naphthenates. —Definite progress has been made in implementing a number of recommendations made by industry representatives at the recent Naphthenic Acid I.A.C. meeting. Substantial new production was assured. However, additional production in sight will not ease the civilian drier position in the least. Deep and drastic cuts in civilian requests for all naphthenates in September were made. As many consumers had favorable inventories, a large proportion of allocations were made from stock balances in consumer's hands. The position of rectified grade naphthenic acid will remain critical for some time to come; consequently, no encouragement can be given civilian driers and other naphthenates in the near future. During the initial September period the non-military allotments of naphthenates (expressed in thousands of pounds) were as follows:—Coated fabrics, treated fibres, 3.6; demulsifiers, emulsifiers, etc., 3.2; molding compounds, core oil, 2.0; printing inks, 2.6; wood treating, wood preservatives, 25.6; driers, 52.2; extreme pressure lubricant base, 98.0; rust preventives, 2.0; miscellaneous, 0.5.

Nicotinamide.—Due to production difficulties it was necessary to cut requests for use in medicinals to 31 percent in order to stay within the available supply.

Nicotinic Acid.—Civilian requests were granted 47.5 percent for medicinal nikethamide and 38.4 percent for other medicinals; 52.8 percent of requests were granted for food fortification. All requests for feed enrichment were denied.

Paraformaldehyde. — Allocated 100 percent to the following civilian end uses for September:—Disinfectants, germicides, dyes and intermediates, adhesives; miscellaneous; paper; resale; and textiles.

Pentaerythritol.—Technical Grade:—Allocated for maleic alkyd resins, 96 percent; phthalic alkyd resins, 78 percent; ester resins, 76 percent; phenolic resins, 15 percent; substitute drying oils, 80 percent; printing inks, 100 percent.

Peroxygen Chemicals. — Hydrogen Peroxide; allocations recommended on basis of 75 percent of 1943 average monthly use. *Sodium peroxide:* allocations recommended on basis of 33⅓ percent of 1943 average monthly use. *Sodium perborate:* allocations recommended on basis of 33⅓ percent of 1943 average monthly use for drugs and pharmaceutical use; and 25 percent of 1943 average monthly consumption for other uses.

Phenol.—Allowed for oil additives; oil refining; triphenyl phosphate (subject to M-183); other plasticizers; plastics (subject to M-246); salicylates; other medicinals, 164,905 pounds; chlorinated phenols, 82 percent; disinfectants and insecticides, 208,495 pounds; dyes and inks, 218,842 pounds; chemical manufacturing, 488,884 pounds; and butyl phenol.

Phenolic Resin.—(1) Molding Compound; allowed in full to the following end uses:—Industrial wiring devices, safety equipment, motor construction, and other industrial equipment, 1,035 pounds; medical and health supplies, agricultural supplies, civilian wiring devices, replacement parts for domestic appliances, automotive ignition, printing plates, office machinery replacement parts, 1,393,000 pounds; civilian buttons, 75,000 pounds; textile and rayon equipment, 98,000 pounds; and closures, 1,202,000 pounds. Denied for novelty paper weights, baby carriages, pipe stems, handles for kitchenware, holders for Dixie cups and ice cream cups, film developing tanks and batteries for model aircraft; (2) Laminating: the following civilian uses were granted in full for the month of September:—Instructive panels, industrial electrical insulation, mechanical and structural uses, safety helmets (Protective Hats), corrosion resistant parts, industrial maintenance, repair and operat-

—Continued on page 52

QUINOLINE *available*

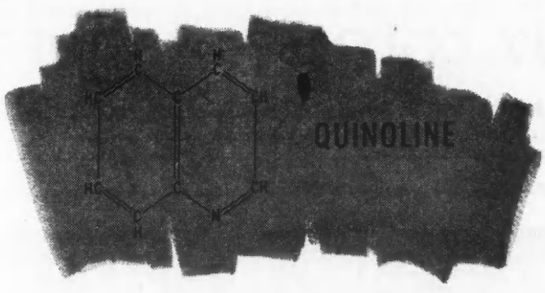
Grade Available—Quinoline distilling 95% within 2°C.

Properties: (Pure Compound)

Molecular Weight	129
Melting Point	—19.5°C.
Boiling Point	237.7°C.
Specific Gravity at 20°/4°C.	1.095

State: Liquid

Solubility: Soluble in alcohol, ether, carbon disulfide and most of the common organic solvents. Partially soluble in water.



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Textile and Leather Chemicals

Shipments against current contracts continued to account for the major activity in the textile and leather chemicals market during the week. The call for government use was active, while demand for civilian requirements was restricted to actual requirements. New buying of domestic materials was moderate, while interest in imported products for forward delivery has slackened in view of the approach of the termination of activities in the European war sector which will no doubt result in the lowering of freight and marine insurance rates.

Recent prices advances of wattle bark and extract for shipment from producing points have given a firmer tone to the domestic situation and fractionally higher price ceilings for these products are expected to be announced shortly by OPA.

Office of Price Administration announced a revised and amended MPR 333, simplifying ceilings of shell eggs for all counties in the United States, effective September 25. Changes in ceilings were also made for egg albumen and egg yolk. Egg albumen was advanced sharply while moderate reductions were made in egg yolk. The monthly rate for higher price ceilings for egg albumen was increased but reduced for egg yolk.

Average weekly consumption of apparel class raw wool in July, 1944, amounted to 9,699,000 pounds (scoured basis), compared with 10,378,000 pounds in June and 10,960,000 pounds in July, 1943, according to the Bureau of the Census.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
267.9	267.9	266.3	271.9

Chemicals

Potash, Bichromate. — Consumers absorbing the bulk of the output on allocations. Production totaled 506,000 pounds during July and stocks on hand July 31 were 274,000 pounds, according to the Bureau of Census.

Soda Bichromate. — Conditions continued strong. Production during July amounted to 6,629 tons and stocks on July 31 were 1,216 tons it was reported by the Bureau of Census.

Zinc, Dust.—Consumption continued a good pace. Prices were steady and unchanged.

Dyestuffs

Annato. — Spasmodic demand was noted during the week. Small stocks were in firm hands. Quotations were unchanged.

Hypernic. — Trading was routine, with consumers absorbing moderate quantities for prompt needs. Quotations were without change.

Sizing Materials

Albumen Blood.—Market remained steady under a good inquiry. Consumers continued to take sizable quantities for prompt requirements. Dried blood, soluble also was in good call. Prices were steady.

Albumen Egg. — Higher price ceilings for egg albumen were announced by the OPA under the Revised Maximum Price Regulation 333, effective September 25. New schedule was boosted 16c. per pound. Granular ranges from $2.02 to $2.08 per pound, depending upon quantity and powdered at $2.07 to $2.15 per pound, same basis. The monthly rate of price advance also was increased to 3c. per pound against 2c. per pound, the former rate. Limited stocks and a steady consuming demand were keeping this market on a strong basis. Consumers were in the market for sizable lots. Sellers were not offering freely. Prices were firm at ceilings.

Corn, Sugar.—Restricted production was readily absorbed by consumers. Demand was active with deliveries from three to four weeks behind schedule. Manpower shortage still affecting the output.

Dextrin, Corn.—An active demand continued during the week. Production is sold well ahead and deliveries were about ten weeks behind contract schedules.

Egg Yolk.—Price ceilings for egg yolk were reduced 5 cents per pound by the Office of Price Administration, effective September 25, under Revised Maximum Price Regulation 333. The new price of car lots was reduced $1.06 per pound and up to $1.12 per pound, depending upon quantity. Consumers continued to absorb good-sized lots for prompt requirements against contracts. Available stocks show a steady decrease, with sellers restricting sales to regular customers in many instances.

Stocks of egg yolk in cold storage totaled 509,000 pounds on September 1 as compared with 598,000 pounds on August 1 and dried whole eggs on September 1 were 108,688,000 pounds against 95,728,000 pounds, the previous month. Government holdings of these products totaled on September 1 75,060,000 pounds, according to the War Food Administration.

Starch, Corn.—Trading improved during the week, after a slight letup in the demand, earlier in the month. Production continued in a sold up conditions with little surplus material available. Prices were steady and unchanged.

The resumption of trading in corn futures has enabled crushers to purchase supplies to facilitate requirements for forward delivery.

The visible supply of corn showed a reduction of 472,000 bushels, bringing the total down to 9,042,000 bushels during the week ended September 16, as compared with 9,229,000 bushels at the same time last year, it was reported by the Chicago Board of Trade.

Starch, Potato.—An active consuming inquiry was noted during the week. Stocks were light. Trading in forward deliveries was of good volume. It was stated that this season's production will be sufficient to cover requirements. Quotations were firm at ceilings.

Tapioca Flour.—Conditions in this market continued tight owing to limited supply on spot and the difficulty of obtaining replacements from Brazil and San Domingo. The scarcity of shipping space and the sharp reduction in the production in those countries, have affected shipments to the United States. Quotations were unchanged at ceilings. Receipts totaled 5,300 bags, which were delivered against former contracts.

Tanning Materials

Divi-Divi.—Tight conditions continued in this market due to the difficulty of getting shipping space from primary markets. Prices were firm. Inquiry was light and spasmodic.

Mangrove Bark.—Lack of improvement in the shipping situation at primary centers continued to keep the supply situation tight. Offerings were meager, though buying interest also was limited.

Myrobalans. — Improved shipping conditions at primary centers resulted in more offerings for forward delivery. Inquiry was quiet. Prices were steady at former levels. Receipts for delivery against former contracts totaled some 2,106 bags.

Quebrachio.—Steady consuming demand keeping stocks from accumulating. Offerings for shipments from Brazil continued light. Market firm at current levels.

Wattle Bark.—Higher prices for shipment from Africa were reflected in the domestic market with the result that prices were firmer and the advances of price ceilings for wattle bark and extract were expected to be announced by the OPA to meet the higher replacement costs. Wattle bark for shipment was boosted recently $3 per ton and extract $8 per ton, which would bring the bark to $53 per ton, ex-dock United States ports and the extract to 5¾ cents per pound, same basis. The advance in prices caused buying interest to diminish.

For Current prices see alphabetical listing beginning on page 9.

Protective Coatings Materials

Though still seriously inconvenienced in their endeavors to build up civilian business by greatly curtailed importations and unabated restrictions on the use of numerous paint and varnish making materials and shipping containers for non-military purposes as well as by the continued inadequacy of manpower, the leading importers and processors of foreign and producers of domestic materials, together with manufacturers of finished paint, varnish and lacquer products, are continuing to search indefatigably for new outlets for their merchandise in civilian consuming channels while also extending their operations in supplying contractors already engaged in Fall maintenance painting and initial coating operations on newly constructed, privately-owned residential and commercial buildings.

While the War Food Administration and the War Production Board are strongly of the opinion that more, not less, linseed oil will be required for lend-lease purposes after the end of the European war, so that the paint trade in the United States cannot count heavily on any greater liberality in their allotment of linseed oil quotas for a long time to come, especially in view of the small domestic crop and the uncertainty of imports of flaxseed, there is a strong probability of a speedy removal of fish oil from quota restrictions and increasing recourse to wood oil, castor oil and oiticica oils.

Metallic Lead and Zinc

Manufacturers of lead pigments are still able to fill their requirements without restrictions of any kind, as domestic production of metallic lead continues comparatively heavy and importations, while slightly smaller than a year ago, are also reaching generally satisfactory proportions. Quotations on pig lead have continued unaltered for the week September 15-22 at 6.35c. per pound in St. Louis and 6.50c. in New York.

Despite the undiminished supply of zinc ores and concentrates, zinc slabs, though in steadily amplified production, are still insufficient for the exceedingly big war production needs and the unabatedly mounting civilian requirements. Hence, it continues necessary for consumers in the paint industry to present priorities in order to obtain their necessary stocks of this metal. Prices for zinc slabs have remained unchanged for the week September 15-22 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

Lithopone.—Continues in relatively light supply insofar as non-military users are concerned, with the buying on rated orders still reaching huge proportions. In response to urgent requests, WPB is considering a change in its order M-353, controlling all white pigments, which would provide substantial increases in supplies for civilian purposes along the lines mentioned in the paragraph on titanium dioxide, below.

Titanium Dioxide. — With rated orders of all kinds absorbing the lion's share of supplies of this whitening agent, the quantity available for distribution by suppliers among the trade is necessarily small. To correct this situation in some measure, it has been proposed that an amendment be made to WPB order M-353, confining deliveries by suppliers on rated orders to those orders carrying the military certification set forth in this order and leaving suppliers free to make equitable distribution of the remaining stocks among their customers.

Fillers and Extenders

Asbestos.—Canadian and domestic materials continue moving in routine fashion with prices firmly held.

Mica.—Paint trade purchasing is still heavy in wetground and pulverized grades of scrap mica and is also reaching moderate proportions in dry-ground grades. WPB has announced that industries engaged in the fabrication of the so-called strategic mica no longer require specific authorization for securing and using certain types, qualities and grades which are not in critical supply. But in those which are still in short supply, the filing of WPB's form 1085 is still required.

Market Trends

Prices Advanced

Rosin, gum, B, H, I, K, M, WW, X, 1c. to 8c. per 100 lbs.

Prices Reduced

Casein, imported, ½c. per lb.
Alphapinene, ¾c. per gal.
Rosin, gum, D, E, F, G, N, WG, 2c. to 14c. per 100 lbs.
Turpentine, gum, ¾c. per gal.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

Dry and Chemical Colors

Carbon Black.—Despite the recently imposed WPB restrictions on the quantity of rubber-making grades of channel black, such as easy processing and medium processing blacks, and also of furnace black, that may be utilized by the manufacturers of synthetic rubber tires, the takings of these types of carbon black continue so heavy that inventories of channel black still exhibit a steady reduction, despite a substantial increase in production and the completion of plans for swelling the output still further. It is expected, however, that this situation will eventually be corrected, but at the close of August, stocks of channel black showed a reduction of 4,000,000 pounds. Meanwhile, the paint trade is buying a little more liberally of the unrestricted grades of channel blacks.

Chrome Colors.—A keen demand continues to be noted for chrome green, chrome yellow and molybdate orange, but the supplies of these pigments available for other than war production purposes are still very small, with the permissible allotments restricted to 25 percent of base period consumption. Zinc chromate yellow production is being absorbed almost entirely by government procurement agencies as it is under complete allocation control. Until there is a notable amplification of the output of the bichromates, scheduled for the first quarter of 1945, little improvement can be expected in the current manufacture of all these colors. Production of zinc chromate yellow for July amounted to 2,334,000 pounds, compared with 2,444,000 pounds for June.

Bronze Powders

Alum'num Powders.—Though the recent easing of the stringent regulations on aluminum powder and aluminum paste have not proved of much assistance to paint makers in procuring the pure aluminum or A grades, chiefly because of a lack of adequate manpower, they have resulted in a general withdrawal by the manufacturers of secondary aluminum pigment and paste known as grade B, which has not proved as popular as expected with a majority of paint manufacturers, despite strong efforts on the part of WPB to create interest in that grade, when war requirements were absorbing all but small quantities of grade A and high ratings were required to procure it. But, as the production of pure aluminum powder and paste is still conducted on a modest scale, compared with some of the other aluminum products for which there are still many war orders of greater importance, carrying higher priorities as far as manpower is concerned, most paint manufacturers are still experiencing difficulties in obtaining any but slow deliveries on orders for grade A already placed for third and fourth quarter deliveries.

Driers and Flatteners

Tallates.—WPB's continued practice of making its allocations of naphthenic acid and the naphthenates to any but war production interests as scarce as hen's teeth is driving manufacturers of paints designed for civilian use to steadily increasing employment of tallates which in almost all instances are proving just as efficient driers as

For Current prices see alphabetical listing beginning on page 9.

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the naphthenates. Hence, the market for tallates is fairly seething with activity, with prices strongly held and with the accompanying drain on supplies of tall oil threatening a shortage in stocks of that oil.

Stearates.—Buying interest in these flattening agents continues keen and producers are experiencing some difficulty in keeping pace in their deliveries with the flood of orders pouring in upon them.

Naval Stores

Release by the Office of Price Administration of the long-withheld permanent price ceilings on gum rosin, and the decision of the Industry Advisory Committee to fight for higher maximum levels for all grades, before resuming transactions therein on the Naval Stores Division of the Savannah Cotton and Naval Stores Exchange, has far transcended in importance the meager buying and selling operations on that exchange and in other markets in the Southeast during the past week. But, after a day of hesitation, publication of the permanent ceilings on rosin evoked a wave of selling that sent prices down sharply throughout the list.

The new list of permanent price ceilings for rosin issued by OPA, is based on the average prices prevailing during June and July of this year on sales on the Savannah Exchange.

Turpentine.—Beginning the week's trading on the Savannah exchange a fraction above 79 cents per gallon, gum turpentine fell back to that level in the first day's operations, and then eased off further, although it was obvious that the demand far outstripped the relatively small quantity coming on the market there.

Savannah, Sept. 22.—Following is a record of the market for the week:—

	Bulk gallons		Barrels		
	Cents.	Sales.	Receipts.	Shipments.	On hand.
Monday ..	79	1,650	42	132	28,353
Tuesday ..	79	3,000	77	...	28,430
Wednesday.	78½	5,000	90	...	28,520
Thursday..	78½	1,300	40	269	28,291
Friday ...	78½	1,500	41	...	28,332

Rosin.—Interest of the industry has been concentrated, this past week, on the price levels fixed in the belatedly appearing OPA permanent ceilings on the thirteen grades of gum rosin established by the Naval Stores Act of 1923 and by regulations of the Secretary of Agriculture under that act, which are at what the traders on the Savannah exchange and in the other Southern markets deem much too low levels in view of the statistical position of this commodity.

The new list follows:—X, $6.31; WW, $6.31; WG, $6.04; N, $5.79; M, $5.63; K, $5.61; I, $5.57; H, $5.57; G, $5.55; F, $5.51; E, $5.41; D, $4.88; B, $4.81.

After a day spent in studying the new ceilings, traders lowered their bids materially and the market plummeted to relatively low levels.

Plans have already been prepared for appealing to OPA for a higher set of ceilings.

Savannah, Sept. 22.—Following is a record of the market for the week:—

	Price per unit — Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$4.90	$4.90	$4.81	$4.81	$4.81
D	5.07	5.07	4.85	4.88	4.88
E	5.48	5.48	5.41	5.41	5.41
F	5.58	5.58	5.51	5.51	5.51
G	5.59	5.59	5.51	5.53	5.55
H	5.59	5.59	5.52	5.53	5.56
I	5.59	5.59	5.52	5.53	5.56
K	5.59	5.59	5.55	5.53	5.56
M	5.59	5.59	5.55	5.53	5.56
N	5.93	5.93	5.79	5.79	5.79
WG	6.21	6.21	6.04	6.04	6.04
WW	6.26	6.26	6.26	6.31	6.31
X	6.26	6.26	6.26	6.31	6.31
	Drums				
Sales	401	...	115	250	169
Receipts ...	102	239	342	248	170
Shipments..	...	...	246	369	200
Stocks	18,163	18,432	18,528	18,407	18,385

Lacquer Materials

Cellulose Acetate. — In line with WPB's policy of making chemicals and allied products subject to the provisions of conservation order M-300, that bureau has transferred control of cellulose acetate and cellulose acetate butyrate molding powder, as well as of cellulose ester flakes and cellulose ester sheets, rods and tubes, to this order while simultaneously revoking order M-326-b together with orders M-326 and 326-a. It has been noted in this transfer of control to M-300 that a recent notable reduction in military demands for cellulose acetate and cellulose acetate butyrate molding powders for use in chemical warfare have released correspondingly great quantities of these materials for civilian use. And, due to the improved supply picture, allocation controls have been removed from molding powder scrap.

Methyl Acetate.—Serving the purpose of a solvent for the paint trade as satisfactorily as ethyl acetate and ethyl alcohol, although somewhat speedier in action, this material, which has again become available in considerable quantities, is being taken up in increasing volume by the paint-making interests.

Synthetic Resins

Ester Gum.—Paint makers employing ester gum containing gum rosin have been informed by OPA that they will be required to absorb the increased cost of this type of gum which may result from that bureau's authorization of a markup in the prices of this material, when pricing their finished paint products. The increases in maximum prices for ester gum having gum rosin content, thus ordered by OPA to meet higher costs of producing it, became effective September 21, as explained in the September 18 issue of OPD.

Acrylic Resin.—With an amendment to schedule 17 in its order M-300, WPB has brought all grades of acrylic monomer and acrylic resin under control of that ruling. Hitherto, only first grade quality was governed by this order.

Varnish Gums

Asphaltum.—A seasonally brisk business is reported in all available types of this gum, with special activity and strength noted in gilsonite and with an increasing movement of the petroleum types. Manjak, in scanty supply, continues in keen request but with consumers' orders difficult to fill in their entirety.

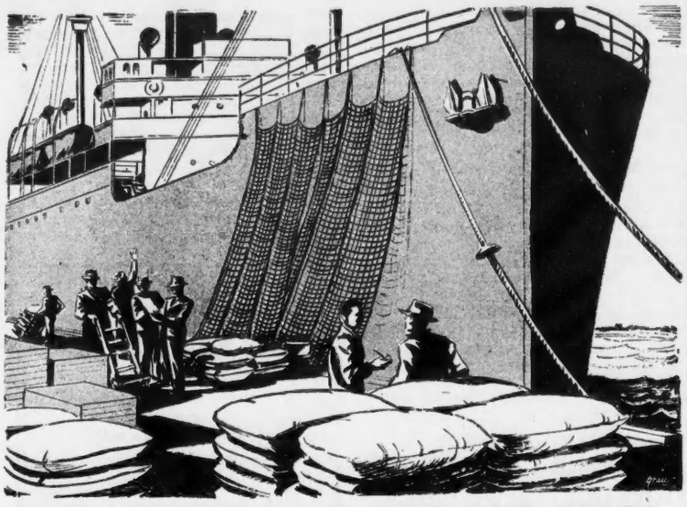
Copal.—Still awaiting arrivals of some of the 3,000 tons of Congo copal allotted to them for the second half of this year, importers of this natural resin have been somewhat cheered within the past week by the announcement that the War Production Board, acting on a recommendation of the Natural Resin Importers Industry Advisory Committee, is requesting the Combined Raw Materials Board to allocate to them 5,000 tons additional for next year. WPB has also announced that it is now investigating stockpiling and transportation problems in connection with the importation of this gum from its source, the Belgian Congo in Africa. Meanwhile, supplies of this resin are being rapidly reduced under the steady takings of varnish makers and manufacturers of rosin emulsion paints, as the bulk of recent arrivals has gone into consuming channels as soon as it reached this country.

Shellac.—Steadily increasing additions to the Defense Supplies Corporation's stockpile of the 1944 Bysacki crop lac, specially suited for the production of white and orange cut shellac, and the recent granting by WPB to shellac processors of a 25 percent increase in their allotment of denatured alcohol for the fourth quarter of this year, are combining to brighten the outlook for a materially amplified output of bleached shellac. The quantity of alcohol which will be allotted to the trade for the concluding quarter of 1944 has been raised from 50 percent of the 1941 base period consumption to 62½ percent of that quota. And, with the ground work for expanding operations in the making of bleached grades thus laid, several additional bleacheries are planning to resume production within the near future.

Glues and Binders

Casein.—Additional moderate-sized arrivals of Argentine casein coupled with a diminishing demand appear to be exerting a weakening influence upon the local market by swelling the available supply, despite a continued lag in domestic production. The quotation for Argentine material has been lowered by a half cent to 17½c.-18c. per pound for acid-precipitated.

Glues.—Increasing importations of gluestock are tending to ease the supply situation in raw materials. Arrivals of 150 bags of hide and two lots of glue bonds—one of 350 bags and another of 5,000 bags—together with 72 bales of otherwise undefined gluestock have been noted. Chief interest, however, still centers on the recent amendments of Schedule 8 of WPB's order M-300, increasing small order exemptions to allocation control from 1,200 to 10,000 pounds in hide and extracted bone glues, and from 6,000 to 10,000 pounds in green bone glue per quarter.



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Surplus Disposal

—Continued from page 3

porting oil, of patents, processing technics, and inventions. The report must be made while Congress is in session, and none of these properties can be disposed of within thirty days thereafter.

Absent from the final bill was the provision contained in the senate bill (S. 2065) that prohibited government operation of any plants acquired by the Defense Plant Corporation for the production of articles or commodities for civilian use in competition with private industry.

Also eliminated from the final draft of the legislation were the provisions contained in both the senate and house bills for the organization of industry advisory committees to assist the board in the disposal problems. it is now merely required (in section 7) that the board consult and seek the advice of other interested government agencies affected by the disposition of surplus property.

All provisions for the government to retain the rights to subsurface deposits of surplus lands were likewise deleted.

With respect to the donation of surplus properties, the bill states that property may be given away only if it has no commercial value. Previously it was proposed that surplus medical supplies and other equipment could be donated to the States and their political subdivisions and to tax-supported medical institutions, as well as certain nonprofit hospitals and other similar institutions. It is now provided that such surplus medical supplies shall be sold or leased to States and their political subdivisions, and to tax-supported medical institutions, as well as to hospitals and other similar nonprofit institutions.

Stockpiles Authorized

On the problem of stockpiles it is provided that, within three months, the Army and Navy Munitions Board shall submit recommendations to Congress respecting the maximum and minimum amounts of each strategic mineral or metal which should be held in stock. After one year, unless Congress provides otherwise, the Surplus Property Board may authorize the property disposal agencies to dispose of any government-owned accumulations which might be determined to be surplus.

N.Y. Paint Club Discusses Raw Materials

Reports on raw materials and continuing restrictions affecting paint manufacturers were given at the first Fall business meeting of the New York Paint, Varnish and Lacquer Association at the Biltmore hotel September 21. The reports were given by Fred A. Walters, of Socony Paint Products Company, chairman of priorities executives and purchasing agents committee. President Renshaw Smith, jr., presided. A presentation of point of sales advertising material was also given by Elmer Vallar, of the Einson-Freeman Company, introduced by Leo Silverstein, chairman of the trade sales committee.

Mr. Silverstein also announced the first Paint Merchants Clinic of the new series to be held at the Hotel Governor Clinton October 9. After the dinner, Louis Gillespie, of Gillespie-Rogers-Pyatt Company, who spent ten months in India investigating shellac production, gave an account of his personal experiences, and E. V. Peters, past president, introduced Colonel S. Cummings, of the Chemical Warfare Service.

Attendance of 292 marked a high record for the meeting.

Ammonia Production Started at Lake Charles

Production of ammonia from a new plant at Lake Charles, La., has been announced by George W. Dolan, president of the Mathieson Alkali Works. The plant is one of the two largest in the country producing ammonia from natural gas. Built by the Defense Plant Corporation and operated under lease by Mathieson Alkali, the new plant is fully engaged in war production, the ammonia being used to produce high explosives.

After the war, the operation is expected to manufacture chemical fertilizers for Southern farmers and anhydrous ammonia for refrigeration. In addition to ammonia, Mathieson produces caustic soda, soda ash and synthetic saltcake at Lake Charles. Other manufacturing centers of the Mathieson organization are located at Niagara Falls, N. Y., and Saltville, Va.

Goodrich Made Manager Chambers Dye Works

E. I. du Pont de Nemours & Co., Wilmington, has advanced Robert J. Goodrich from assistant manager to manager of its Chambers works in Deepwater Point, N. J., Mr. Goodrich succeeds Dr. William Kirk, whose appointment to the position of assistant general manager of the organic chemicals department was announced recently. Both changes become effective October 1. The Chambers works is the principal plant of the organic chemicals department and was formerly known as the dye works.

Health Standards

—Continued from page 3

eral to cheapen the cost of medical treatment.

The committee's hearings germinate from the reports of the Selective Service System that more than 5,000,000 men have been found physically unfit for service in the military forces. Witnesses for the American Medical Association sharply criticized the impression given by the figures that the medical profession is inefficient and pointed out that at least one out of every six men found unfit for service had defects that could be remedied. The greatest single reason for the large number of rejectees, it was asserted, was the failure of the individual to seek medical aid.

Hintze With Harshaw Co.

Frederick L. Hintze, formerly sales manager in New York for General Chemical Company, has joined the sales staff of the Harshaw Chemical Company in this city.

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Oils, Fats, and Waxes

Outside of a steady call for oils and fats against allocations, the market was quiet during the week. Prices, however, continued firm for the entire list at ceilings. Consuming inquiry for new crop oils has been increasing though actual trading was still spasmodic and lacked large volume. Offerings of new crop cottonseed and linseed oil were limited, while soybean oil futures were moving in a fair volume at ceilings. The smaller production of grease and tallow has further strengthened the tone of this market and demand continued to exceed available stocks.

No further progress has taken place during the week in the negotiations with the Spanish government with regard to the exportation of edible olive oil to the United States. The recent deal consummated by the FEA with the Spanish government whereby 3,000 tons of edible olive oil were to be shipped from Spain to importers against the sale of 800 tons of soybean oil is still hanging fire due to the failure of the Spanish government to date to name maximum export prices for the shipment of the oil to this country.

The War Food Administration has suspended until December 31, 1944, the provisions of WFO-39 under which tung oil was allocated. Current supplies are ample and present prospects indicate a large domestic production this fall.

Production during this crop year, principally in Georgia, Florida, Mississippi and Louisiana, is expected to approach 9,000,000 pounds compared with about 2,000,000 pounds last year.

Suspension of WFO-39, effective September 18, 1944, makes tung oil available for all purposes. The total quantity of all fats and oils used, however, is still subject to the general fats and oils order, WFO-42. Producers are required to file monthly reports of production on Form FDA-476, and consumers will continue to file BM-1 and BM-2 reports with the Bureau of the Census.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
192.7	192.7	192.7	195.4

Vegetable Oils

Oiticica.—Improved demand has materially reduced stocks on the spot and resulted in a firmer tone locally. Sellers' stocks are small and more closely held. Lack of interest in future delivery has weakened the Brazilian market and shipments were offered more freely at about one cent per pound below spot market levels. Shipments, however, were offered subject to arrival, which carried a great deal of uncertainty due to the scarcity of shipping space and drums.

Olive.—Amendment No. 34 to MPR No. 53 designates the combined cost of raw olives and the custom crushing of those olives can in no case legally exceed the maximum price for olive oil as fixed in the price schedule covering fats and oils, the Office of Price Administration has announced, effective September 23.

There is no ceiling price on raw olives. However, olive oil is so priced as to reflect at least $145 a ton to the farmer.

Further, it was ruled that if the crusher retains the pomace or other by-products produced from the crushing of olives, he must deduct the value of this by-product in determining the cost of his crushing service.

Soybean.—Trading was moderate in refined and crude at ceilings for October-December delivery.

Sunflowerseed.—The government was said to be in the market for 6,000 tons of oil for October-November shipment from the Argentine at 8¼c. per pound, in bulk, f.o.b. Argentine basis.

Atlanta, Sept. 19.—Demand for oilseed products is reported ahead of the supply. New-crop seed thus far was in limited supply but increasing as the harvest of crops progresses. A slightly better outturn of the cotton crop than was first estimated is now reported in the Southeast. Harvesting weather has improved.

Flaxseed

Demand for seed active for prompt and forward shipment. Moderate sales transacted at ceilings.

Minneapolis, Sept. 20.—Better than 90 percent of the seed coming on the market was contracted for on the arrive basis and naturally there are very few free cars for sale. Demand is sharp for anything offered and at full ceiling prices.

There is a lot of damaged flax coming in but crushers accept the stuff on their contracts at usual discounts per grade. Most of the flax grades No. 1 but much is poor for that grade. A lot of it is scabby and all of it is mixed with a liberal percentage of foreign material. Average lately has been close to 25 percent of dockage, chiefly watergrass seed.

So far threshing of northern seed has not advanced much due to wet weather. Montana still is shipping its good seed to Pacific coast mills and very little of it is coming this way.

Crushers were steady bidders for seed futures but would not follow the market up very far.

Crop movement in bushels follows:—

	Receipts 1944	Receipts 1943	Shipments 1944	Shipments 1943
This wk.	1,242,000	2,022,000	150,000	202,500
Since Sept. 1.	3,241,500	6,519,000	477,000	682,500

The week's closing flaxseed price range was as follows:—

	Cash	Sept.
Saturday	$3.10	$3.10
Monday	3.10	3.10
Tuesday	3.10	3.10
Wednesday	3.10	3.10
Thursday	3.10	3.10
Friday	3.10	3.10

Buenos Aires, Sept. 22.—Flaxseed shipments to United Kingdom were 587,000 bushels; none to other destinations. Visible supply was estimated at 4,921,000 bushels. Flaxseed for export was quoted at $2.26½ per bushel, U. S. funds; Rosario, $2.17⅜ per bushel.

Hull, Sept. 22.—Bombay, October, £32, nominal; Calcutta (no quotation); La Plata, October, £30, nominal.

Linseed Meal

Market continues firm under an active demand. Offerings readily taken for prompt and forward delivery.

Minneapolis, Sept. 20.—Demand far exceeds supply and buyers will contract for delivery at any time. Crushers refuse to go beyond ninety days in their trading and most of them want the limit to be sixty days. Production is down on account of operating only on regular business days and most of the crushers have given up hope of being able to clean up old crop business as a complete cut-off for the season. They could sell many times as much meal for forward shipment as they are at present.

Shipments of linseed meal in pounds were as follows:—

	1944	1943
This week	11,160,000	12,480,000
Since Sept. 1	31,380,000	36,300,000

Linseed Oil

Firm conditions featured the linseed oil market during the week. Trading was moderate, with the bulk of sales restricted to less than car lots. Prices were well held. Consumers continued to absorb sizable quantities against former contracts. Raw oil was unchanged at 14.7c. per pound in tankcars and tankwagons.

Flaxseed and other crops in the northern sections of the Argentine have been damaged by drought, and cabled advices stated that substantial acreage would have to be abandoned unless Spring rains came shortly which would benefit the crops. Late in the week rains were reported in the southern and central sectors of the Argentine. Flaxseed stocks there were said to be small, as considerable quantities have been used for fuel.

Purchases of edible raw linseed oil totaling 33,182,500 pounds at 14c. per pound, tankcars, f.o.b. Western plants, were made on August 12, according to the War Food Administration.

Minneapolis, Sept. 20.—Nothing much doing in linseed oil for the past week and current interest in offerings is light and indifferent. Shipping instructions are coming in steadily and crushers all have a good back-log to work on. Operations proceed at six-day capacity. There is no running on Sundays and holidays.

Shipments of linseed oil in pounds were as follows:—

	1944	1943
This week	7,320,000	7,860,000
Since Sept. 1	24,140,000	20,500,000

For Current prices see alphabetical listing beginning on page 9.

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Cottonseed Oil

While consuming inquiry for new-crop crude oil was more active, trading was limited to scattered car lots in the South. Crushers were still reluctant to offer new crude freely, preferring to wait for the increased movement of seed to the mills. Seed receipts have been delayed about two weeks because of recent rains and the manpower shortage which has hampered ginning operations.

A new method of pricing margarin sold by a manufacturer's branch house announced by the Office of Price Administration, effective September 22, 1944, allows branch houses that did not sell margarin in March, 1942, to add the lowest car-load freight rate on a per-pound basis to their manufacturer's f.o.b. price from the plant of production to their place of business. In no case can this new pricing method result in a ceiling price higher than the branch house's present price, OPA said.

The War Food Administration announced the shipment of lard amounting to 80,790,493 pounds; rendered pork fat, 1,316,402 pounds; oleomargarin, 2,436,243 pounds; shortening, 1,910,109 pounds; vegetable oils, 79,723,806 pounds, and linseed oil, boiled, 329,232 pounds during the month of August for lend-lease.

Commodity Credit Corporation has extended the acceptance date of the CCC offer to cottonseed processors (1944 CCC cottonseed for A) from September 1 to October 1, 1944.

Lard and rendered pork fat stocks in cold storage totaled 244,040,000 pounds on September 1, against 342,450,000 pounds August 1, and 260,009,000 pounds September 1 last year. The September 1 five-year (1939-43) average was 203,205,000 pounds.

Bleachable oil prices follow:—

	Cents per pound in tanks— High.	Low.	Close.
October	....	....	14.00 bid
December	....	....	13.85-14.00
March	....	....	13.50-13.75
May	....	....	13.40-13.70
July	....	....	13.30-13.45
September	12.65	12.65	12.60-12.75

Total sales, 2.
Cash, 14.31c. nom.
Crude, Southeast, 12¾c.; Valley, 12¾c.; Texas, 12c. (all ceiling prices).

Memphis, Sept. 20.—Cottonseed oil market quiet. Mills still awaiting larger seed receipts before selling additional crude. Sales of crude oil still scattered. Cottonseed meal and hulls in good demand at ceilings. Selling pressure absent.

Cake and Meal

While demand has not been as pronounced for meals as compared with early in the month, conditions continued firm. Linseed meal for prompt delivery was in good request. A good inquiry noted for new-crop cottonseed cake and meal with trading still light. Interest in soybean meal for forward delivery slackened, and offerings of

Hardesty Co. Engages Rowley Phila. Agent

W. C. Hardesty Company, New York, has appointed the George A. Rowley Company, 937 North Front street, Philadelphia, as agents in the Philadelphia area to handle its line of fatty acids and derivatives manufactured by them. The Rowley firm will carry warehouse stocks.

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sizable quantities commanded little interest.

WFA reported the purchase of soybean meal totaling 60,000 pounds at $55.10 per ton, f.o.b. Odenton, Md., on August 16.

Cottonseed, babassu, ouricuri, palm kernel, copra and sesame meals were included in a new master regulation covering sales of certain feeds and feed ingredients, with no changes being made in their current base prices, the Office of Price Administration has announced.

Fish Oils

Small-lot trading continued for all varieties of fish oils during the week. Interest in cod oil was limited to actual needs. Refined menhaden oil was moving in fair volume against contracts. Inquiry for crude menhaden was reported dull.

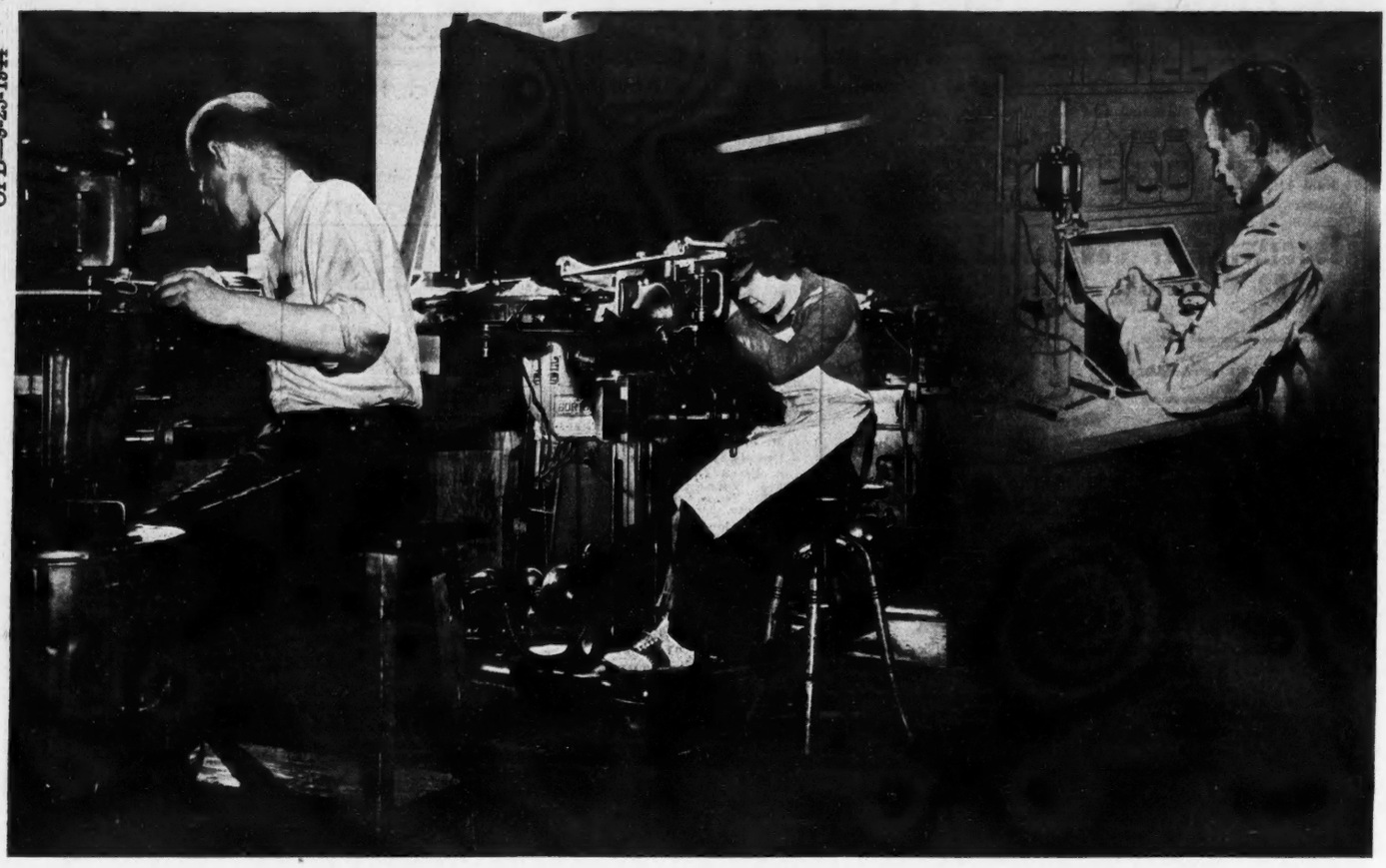
Baltimore, Sept. 20.—Menhaden fishing in the Chesapeake Bay and along with much of the Northern fishing area has not improved, and those engaged in the industry are very much discouraged. It is doubtful if producers will be able to fill such contracts they have booked and they are slow about entering into further commitments. The recent hurricane caused the schools of fish to disappear.

Fatty Acids

Withdrawals on contracts continued in good volume. New buying was spasmodic. Conditions were firm, reflecting the strength in basic materials.

Waxes

Routine demand for waxes was noted during the week. While demand was light, limited quantities of wax, except candelilla on the spot were held at ceilings. Inquiry for nearby and forward shipment from primary markets was quiet, though offerings continued restricted and held at former levels. Receipts of 421 bags of sugarcane wax and 1,757 bags of beeswax were reported.



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Drugs and Fine Chemicals

The past week was quiet in the drug and fine chemical market. Business was about equal in volume to that in recent periods and had a steady quality. However, large-way transactions, unless related directly to the war program, were not often reported, an exception being special purchases of glycerin by the Federal government. Transactions for civilian account were routine but still produced a fair-sized total of transactions.

Estimates of 1945 menthol production in Brazil continued to reach here. The most recent was 600 tons and compared with an earlier and far more conservative estimate of between 250 tons and 282 tons if the 1945 crop increases an expected 25 percent over 1944. All advices indicate a larger production in 1945 and suggest that the increase will produce lower prices. Last week, it was said here that a large importer "prognosticated" 1945 menthol consumption at between 650,000 pounds and 700,000 pounds. He did not "prognosticate"; he merely stated that "the present potential U. S. consumption is estimated at between 650,000 and 700,000 pounds, but will probably not be reached next year since prices will continue to be above prewar level." In comparing the 1939 importation of 354,668 pounds of natural menthol with the importer's estimate of 1939 consumption of 550,000 pounds of U.S.P. menthol, which would include natural and synthetic menthol of foreign and domestic manufacture, no mention was made here of the 1939 importation of 51,913 pounds of synthetic menthol, nor of the domestic production of natural and synthetic menthol for which no official figures are published. The importer's full statement of the menthol market position, past and present, appears on page 58 of this issue.

This error is particularly regrettable because it appears that the OPD item has been circulated—it was even sent anonymously to the business editor of the New York Times—in an obvious undertaking to rig the market.

Production and stock data on synthetic and natural methanol for the month of July was released by the Bureau of the Census and disclosed a decline in output of both materials. Also, stocks in hand on July 31 were smaller than on June 30. In terms of natural methanol of 100 percent purity, the production of natural methanol in the January-July period totaled the equivalent of 1,555,713 gallons while that of synthetic methanol of 100 percent purity was 43,111,000 gallons.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
239.4	239.4	239.5	241.0

Acetone.—The supply situation remains very tight and none but the most highly essential of requirements are being filled under WPB allocations.

Acid, Ascorbic.—Numerous requests for some official statement regarding present production of this material have been noted but none seem to be available. War Food Administration deliveries of this article for shipment to the Allies under lend-lease were 36,283 pounds. No material in tablet form was delivered.

Acid, Citric.—Sales of this material by the War Food Administration in August totaled 279,620 pounds and the quantity sold since January 1 now totals 439,560 pounds. WFA bought 6,725 pounds of granular material for lend-lease in August.

Berberine.—Although provision for a price on domestic production has been made, in local circles there was still no offering of spot delivery material.

Butyl Acetate.—Except for meeting essential requirements, none of this material was being made available. Such requirements are running high at the present time and indications favor continued absorption of a major portion of production by the needs of the armed forces.

Calcium Tartrate.—An arrival of 125 bags of this material was noted and far more could be used were it obtainable in foreign markets.

Castor Oil.—Reports from Bahia, Brazil, state that four small oil factors in that state during the first half of 1944 produced 218 metric tons of oil and 381 tons of castor bean residue. This compared with 320 tons of oil and 493 tons of residue during the corresponding period in 1943. The reports also state that production of beans in Bahia in 1944 was estimated at about 700,000 bags of 60 kilos each, or 10 percent less than the 1943 crop. Beans exported during the first six months of 1944 amounted to 265,430 bags, being slightly less than in the preceding year. A local arrival of beans totaled 12,944,100 pounds and brought the total arrived since January 1 to 195,357,540 pounds. That quantity compares with 201,122,700 pounds during the corresponding period last year.

Chicago, Sept. 20.—Castor oil prices are:—Cold pressed, U.S.P., returnable drums, car lots, 14½c. per pound; drums, less than car lots, 15¼c.; tanks, 13¾c.; No. 3, extracted, returnable drums, car lots, 14¾c.; drums, less than car lots, 15c.; tanks, 13½c.

Carotene.—Deliveries of the War Food Administration for shipment on lend-lease totaled 32,494 million units.

Fishliver Oils.—Deliveries on lend-lease account during the month of August and made by the War Food Administration totaled 2,574,015 million units of vitamin A. Reports regarding British Columbia's fishliver oil sales stated their value at $2,807,000, compared with only $55,000 ten years ago. Dogfish livers, formerly worthless, brought $1,345,000 in 1943.

San Francisco, Sept. 20.—Fishliver oil market very quiet and no trading reported due to lack of supply and offerings. This situation has remained unchanged for several months now and the trade looks for no activity in the near future with conditions and ceiling prices as they are.

Glycerin.—Indications are that the government will take somewhere near two million pounds of this article, probably for lend-lease and possibly destined for Russia. Refiners take this business as a sign of the probable foreign requirements that will come to this market once the war is ended and it is to meet that business that they hope to be able to create a substantial stockpile. Prices have become stable at the recently reached levels.

Chicago, Sept. 20.—Although buyers of glycerin are somewhat cautious since the recent 3-cent price reduction in refined glycerin, volume of business is currently fairly good. Chemically pure is:—Tank-car, 15c. per pound; drums, car lots, 15¼c.; drums, less than car lots, 15¾c.

Menthol.—During the past week, further opinions regarding the 1945 production in Brazil have been obtained. The local agent of a Brazilian house stated that his principal estimates 1945 output at nearly 600 tons, which he compares with an alleged production of 150 tons in 1944. The estimate was far larger than the more conservative estimate of another importer who expects 1945 output to be 25 percent to 50 percent larger than in 1944. If the increase be 25 percent, the 1945 production would be the conservative figure of 250 tons to 282 tons, which may be compared with 1944 production that ranged 200 tons to 225 tons in the more conservative estimate. The agent who reported 600 tons output in 1945 also stated that before the war Japan produced about 360 tons of menthol annually, and concludes with the opinion that larger production in 1945 will bring lower prices in Brazil after April, 1945. At present, according to the agent referred to above, the minimum price in Brazil is $29 per kilo. Under OPA price restrictions, American importers at present may not legally pay more than $15 per pound, duty paid, f.o.b. American ports.

Comment was made here last week

For Current prices see alphabetical listing beginning on page 9.

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on a report made by a large importer of Brazilian menthol and in which he discussed the menthol market position, past and present. That report is reproduced in this issue on page 58. The comment stated that the importer "prognosticated" 1945 consumption in the United States at between 650,000 pounds and 700,000 pounds. The importer did not "prognosticate" consumption; he merely stated that "the present potential U. S. consumption is estimated at between 650,000 and 700,000 pounds, but will probably not be reached next year since prices will continue to be above prewar level." The comment also stated that the importer said 1939 consumption was 550,000 pounds, but it did not also state that it was 550,000 pounds of U.S.P. menthol, which would mean natural and synthetic U.S.P. menthol of foreign and domestic origin. The comment compared the 550,000 pounds, which figure actually bulked all kinds of U.S.P. menthol, with the 1939 import of 354,668 pounds of natural U.S.P. menthol, but failed to mention the 1939 importation of 51,913 pounds of synthetic menthol, and omitted reference to the domestic production of U.S.P. menthol.

Methanol.—Production and stock data covering the period January-July this year and released by the Bureau of the Census are:—

Methanol Production:—Jan.-July

	Gallons	
	Synthetic, 100%	Natural, 80%
January	6,007,000	324,811
February	5,419,000	347,439
March	6,270,000	360,536
April	6,320,000	340,614
May	6,694,000	364,434
June	6,363,000	341,003
July	5,838,000	314,769
Totals	43,111,000	2,393,406
Stocks, July 31	5,496,000	286,005
June 30	6,834,000	330,752

In terms of 100 percent purity, production of natural methanol in the January-July period would be 1,555,713 gallons, which compares with the output of 43,111,000 gallons of synthetic methanol of 100 percent purity. Production of both synthetic and natural material was less in July than in June, and stocks at the month end were also less than on June 30.

Milk Powder.—War Food Administration deliveries in August on lend-lease account were:—Skimmed milk powder, 19,420,407 pounds; whole milk powder, 2,431,050 pounds. WFA sales during August totaled 18,000 pounds of skimmed milk powder, and 1,074,936 pounds of whole milk powder.

Nicotinic Acid.—War Food Administration deliveries in August for lend-lease account totaled 20 pounds.

Nicotinamide.—War Food Administration deliveries in August for lend-lease account were 45,864 pounds.

Quicksilver.—So far as stocks are concerned, there has been a steady decrease for some time past and reports locally as well as on the Pacific Coast show that there is not much spot metal obtainable at either point. The fundamental undertone of the market was strong.

San Francisco, Sept. 20.—Quicksilver stocks here are lower than at any time previously this year and little spot metal is being offered. Advance sales reported for delivery of metal in two or three months at between $100 and $105 per flask, f.o.b. San Francisco. The Bureau of Mines anticipates a further decrease in production this month over that of August.

Riboflavin.—War Food Administration deliveries in August on lend-lease account were 91 pounds.

F.W.D.A. Meeting

—Continued from page 3

War Manpower Commission relative to X-Day, Paul V. McNutt, chairman of the commission, in a wire to the Association, said:—

As X-day approaches, it becomes vital for the manufactures, wholesalers and retailers of the drug industry to understand what the War Manpower Commission means when it speaks of "Manpower controls;" vital also for the representatives of all industry and for the people at large to understand the changes that will take place in such controls as of X-day. After X-day, it will no longer be necessary to maintain on a national level the four major War Manpower Commission policies that constitute "ER Control." These are: The 48-hour week, the employment stabilization program, priority referrals, employment ceilings. We expect that the 48-hour week will be continued where needed for continued war plant production. Any other controls that thereafter become necessary will be established locally to meet specific problems.

War Manpower Commission officials will consult with management and labor committees and procurement officials in the localities as to such action. However, I must emphasize the fact that regardless of the degree of relaxation of regulatory controls, the present United States Employment Service procedures, in which are embodied years of experience in both war and peacetime operations, will be continued and strengthened. This means that with all regulatory controls removed there will still remain major functions and programs of anon-regulatory type. Let me underline the fact that in these nonregulatory controls, the War Manpower Commission and the United States Employment Service have tested tools with which to continue servicing American industry and American labor.

Aid to Retailers

Charles S. Austin, jr., chairman of the retailers committee of the association, in an address on "How the Manufacturer Can Aid the Retailer" said that he believed the retailer has the right to look to the manufacturer for helpful, efficient merchandising aids and suggestions and that the manufacturer has a right to look to the retailer to tie in with his national advertising, and to give him the same helpful, efficient, cooperation at the point of retail sale.

Profession of Pharmacy

An external public relations program to increase public appreciation for the profession of pharmacy, coupled with a student recruiting program to attract more desirable young people to the profession, were described as the two-fold answer to the public relations problems of the profession of pharmacy and the drug industry by Robert A. Hardt, director of advertising and sales promotion of E. R. Squibb & Sons, pharmaceutical manufacturer, New York.

Mr. Hardt outlined in detail the past accomplishments of the National Pharmacy Committee, dividing them into three general classifications: (a) a student recruiting program; (b) an external public relations program to increase public appreciation for the profession of pharmacy; and (c) a program to encourage returning veterans to take up the study of pharmacy and find permanent employment in the profession of pharmacy after the war.

Officers Reelected

The following officers were reelected:—

President, John A. Crozier, of the Calvert Drug Company, Baltimore, Md.; vice-president, Oscar J. Schmitz, of the Snowden-Mize Drug Company, Atchison, Kans.; treasurer, George A. Raab, of the Providence Wholesale Company, Providence, R. I., and executive secretary, R. C. Schlotterer.

Members of the executive committee are:—

Chairman, Howard M. Bradbury, president of the Washington Wholesale Drug Exchange, Washington, D. S.; Stanley B. Arend, of United Consumers, Inc., Boston, Mass.; Glen T. Helgren, of the Ellicott Drug Company, Buffalo, N. Y.; Henry V. DeHaven, of Philadelphia Wholesale Drug Company, Philadelphia, Pa., and Keith Keller, of Northwestern Drug Company, Minneapolis, Minn.

Alcohol Rubber Process

—Continued from page 3

riculture in the rubber program, were opposed to these plants' being treated any differently from other plants in the disposal policies of the government.

The senator said that it is hoped that arrangements can be made at an early date to explore the whole problem of grain alcohol in connection with postwar synthetic rubber production. It would be his aim to devise some plan with the President giving assurance that grain alcohol producers will be able to compete with the petroleum industry in meeting the needs of the synthetic rubber industry.

In a report filed with the senate September 19, the committee veiledly suggested that the government continue the operation of the alcohol plants after the war, write off the investment, and provide some arrangement that would channel grain in excess of that needed for food and feed into industrial and commercial markets.

Plough Buys Major's Cement

Plough, Inc., Memphis, has purchased the sixty-eight year old Major's Cement from Major Manufacturing Company, New York.

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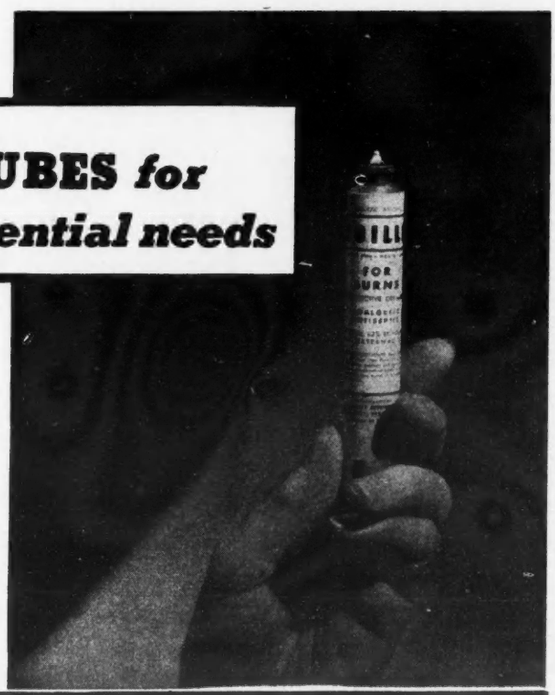

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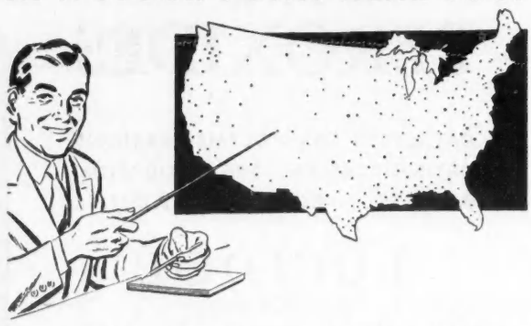

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Chemical Allocations

—Continued from page 39

ing supplies for industrial plants, mines, railroads, utilities, etc.; tabletops for war industries, hospitals and public eating places when no critical chemicals were involved; (3) Protective Coatings; allowed essential civilian end uses for the month of September were as follows:—Arms, weapons and ammunition, 66,850 pounds; aircraft, 1,598 pounds; transportation, 190,856 pounds; electrical and communication equipment, 88,172 pounds; industrial machinery equipment and tools, 131,193 pounds; textiles and leather, 156,490 pounds; health, safety and scientific equipment, 5,088 pounds; photographic material and equipment, 550 pounds; printing inks, printing and accessories, 176,252 pounds; office supplies and equipment, 2,272 pounds; furniture, 172,808 pounds; laundry, kitchen and refrigeration equipment, 4,327 pounds; building material and buildings, 463,611 pounds; containers, packages and accessories, 214,492 pounds; (unclassifiable) miscellaneous, 269,894 pounds.

Phthalate Plasticizers.—All civilian requests were denied except that additional relief was given to the cellophane industry and a small amount was allowed for food closures.

Phosphate Plasticizers.—All civilian requests were denied on the phosphate plasticizers.

Phosphorus.—Requests during the month of September were granted in full for phosphate plasticizers, petroleum, mining flotation, bearing metals and sulfa drugs. Requests for phosphorus for use in acid leavening in the form of sodium acid pyrophosphate were allocated 100 percent of the average monthly consumption during the year 1942. In the form of mono calcium phosphate they were restricted to 85 percent of the average monthly consumption during the same period. Requests for use in beverages were limited to 75 percent of the average monthly consumption during the year 1941. Requests for rust-proofing metals were allowed 85 percent; yeast, 75 percent; sugar, 80 percent; other foods, 65 percent; matches and fire retardants, 85 percent; dentifrices, 80 percent; pharmaceuticals, 70 percent; soaps and detergents, 50 percent; and miscellaneous uses, 50 percent.

Phthalic Anhydride.—Requests during the month of September totaled 12,276,139 pounds, and were allowed as follows:—70 percent of requests granted for alkyd resins; 80 percent for miscellaneous resins; 100 percent for esters; 83 percent for dyes; 44 percent for chemical intermediates; 86 percent for foods and drugs; 73 percent for rubber; 100 percent for oil demulsifying agents; 100 percent for miscellaneous.

Phthalic Alkyd Resins. — The following essential civilian end uses (for X grade resins and castor and oiticica oil resins) were allowed under order M-139 for the month of September:—(1) transportation: buses, streetcars, subway cars (including parts), new, exterior; ambulances, including parts; trucks, new including parts; (2) electrical and communication equipment: electrical insulation only; (3) industrial machinery, equipment and tools: industrial trucks and tractors (including trailers and tractors), new; agricultural equipment (including tractors), motorized, new; agricultural equipment, horse drawn, new (mechanized); (4) laundry, kitchen and refrigeration equipment: refrigerators and coolers, new; (5) containers, packages and accessories: closures for glass containers (foods, medicines, chemicals only); metal containers (foods, medicines, chemicals only), interior only.

Pine Oil.—The pine oil situation remains substantially the same as it was for August when the civilian allotment was increased from 25 percent to 33 1/3 percent of the 1943 average monthly consumption.

Pine Tar.—Allocated in full to belt dressings, coatings, cutting oils, lubricants, preservatives, rubber compounding, rubber reclaiming, ship construction and maintenance, and miscellaneous.

Polystyrene.—Specialty resins: allocated to the following non-military uses for the month of September, 1944:—Shoe adhesives, 11,200 pounds; protective coatings, 700 pounds. Molding powder: allocations covering civilian items for the month of September were made as follows:—Electrical and communication equipment, 4,000 pounds; industrial equipment, 6,000 pounds; plumbing supplies, 60,000 pounds; health and sanitation, 1,000 pounds; hardware, etc., 8,000 pounds; acid closures, 8,000 pounds. First-grade molding powder was denied to the end uses of secondary essentiality, but small quantities of off-grade molding powder were available and allowed to the following end uses:—Slide fasteners, combs, cosmetic packaging, other packaging, household or kitchenware, jewelry, etc.

Polydichlorostyrene. — Allowed for experimental purposes only.

Pyrethrum.—Requests for agriculture were granted and distributed in conformity with end use restrictions of Food Production Order No. 11 on the basis of past consumption of pyrethrum during 1941 and 1942. Pyrethrum for civilian use was allocated on the basis of 10 percent of consumption

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during 1940 and 1941, consistent with permitted end use.

Pyr·din.—Allowed for sulfa drugs, other medicinals, water repellents, vitamins, 79 percent; stabilizers, dyestuffs, disinfectants, reagents, and rubber chemicals.

Rotenone.—Distributed in conjunction with War Food Administration, on basis of existing inventories and insect infestation for agricultural use.

Sodium Cyanide.—The shortage of sodium cyanide continues acute. All uses for civilian purposes have been eliminated.

Sodium Metasilicate.—All non-military requests granted in full.

Sodium Phosphates.—Allocations of all sodium phosphates in September-October were granted in full for use in boiler water treatment, and for incorporation in foods and drugs. Requests for *trisodium phosphate* for all other uses were cut to 150 percent of the average monthly consumption during the base period—July 1941 through March 1943. Primary distributors were allocated 150 percent of their average monthly purchases for resale during the same base period. Total allocation for *trisodium phosphate* amounted to approximately 90 percent of the total requests. Requests for tetra sodium pyrophosphate were cut to 50 percent of the average monthly consumption during the base period or 50 percent of present actual requirements, whichever was the lowest. Primary distributors were allocated 50 percent of their average monthly purchases for resale during the base period. Total allocation for tetra sodium pyrophosphate amounted to approximately 45 percent of the total requests. Requests for *.crystalline disodium* phosphate were granted in full. Requests for anhydrous *di-sodium phosphate* for all uses except as specified above were cut to 90 percent of average monthly consumption during the base period.

Sodium Nitrate.—Fertilizer manufacturers east of the Rockies are permitted to order up to 25 percent of their established bases in each State during the months of August through October. This permits fertilizer manufacturers to take care of demands for special crops in limited areas during this period. It is understood that material taken under this offer will be charged against the total allotment for direct application for the 1944-45 fertilizer year. Orders placed for the following uses are approved in the form of by-product sodium nitrate:—Glass and enamel manufacture, treatment of cannery waste, sulphuric acid manufacture, and chemical cleaners.

Styrene.—No longer under allocation. Dichlorostyrene: No allocation this month.

Sulphuric Acid.—Requests for sulphuric acid for delivery in the eleven Pacific Coast and Rocky Mountain States were allocated in entirety for the month of September. Control of production and distribution of sulphuric acid is exercised in the following States: Washington, Oregon, California, Arizona, New Mexico, Nevada, Utah, Colorado, Wyoming, Idaho, Montana.

Tertiary Butyl Alcohol.—All civilian requests for September were allocated in full.

Theobromine.—All requests granted in full. Used for medicinal purposes only.

Thiamine Hydrochloride.—Requests for civilian medicinals were granted 100 percent on basis of use during base period. Foods were granted 100 percent of requests.

Urea, Crystals.—Granted 100 percent of requirements for all non-military uses.

Urea and Melamine Aldehyde Resins.—1. Protective Coatings: Allocated for all end uses for the month of September with the exception of those containing alkyd resins which were limited to specified uses. 2. Molding Compound: Allocations covering civilian items were made in full for all end uses.

Vitamin A.—Civilian requests were granted as follows: 55 percent for medicinals (3,653.4 billion U.S.P.-XII Units); 93 percent for food fortification (672.5 billion U.S.P.-XII Units); 55 percent for feeding oils (1,028.3 billion U.S.P.-XII Units).

Vinyl Polymers.—Polyvinyl Acetate: All applications granted 100 percent for bandages, containers, food and drug wrap, dairy filters, protective and industrial clothing, shoes and leather goods, optical goods, photographic supplies, padding and tabbing cements, electrical equipment and insulation, miscellaneous adhesives and experimental; polyvinyl alcohol, all military and essential civilian applications granted 100 percent where no substitutes were available; polyvinyl butyral, no allocations for civilian use; polyvinyl formal, no allocations for civilian use; vinyl resins containing over 92 percent vinyl chloride: Industrial wire and cable, public utility wire and cable and industrial tubing were granted 100 percent except where inventory warranted a reduction. Allocations granted 100 percent for protective coating, sheeting, molded parts and insulation tape; vinyl resins containing less than 92 percent vinyl chloride: Allocations granted 100 percent for: Industrial protective coating, food packaging, cap liners, milk bottle hoods, combs, industrial tubing, adhesives (industrial), occupational

—*Continued on page 56*

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Botanical Drugs, Spices, Gums

Inquiry and sales of botanical drugs were reported slightly improved during the past week. Although volume was still conservative, there was more interest shown by manufacturing consumers and a greater disposition to seek some protection now against the requirements of the new consuming season that lies ahead.

Buyers, actual and potential, found prices either firm or strong and stocks either small or nil. Botanical drug dealers have not succeeded broadly in replenishing their low inventories and where some success has crowned their efforts, it has been achieved by paying far higher than normal new crop prices.

During the past week, it was learned that primary market suppliers of new crop catnep leaves were asking and getting prices that meant a sharp advance in consumer prices once new crop goods were being delivered, which they were last week. Little if any old crop merchandise was in hand, and none was being quoted. There was also a further pinching of colombo root stocks which were revalued upward to a moderate degree. Inquiries for black haw root bark gained and found but limited stocks available. Interest in bloodroot was sufficient to keep the market turning into stronger position as subnormal stocks disappeared into consumption. Aletris and helonias were in request but proved difficult to obtain.

Condimental items were generally quiet and numerous prices moved in buyers' favor. Decorticated cardamom was more competitive at a reduction. Celery seed continued to be cheaper and spot was fractionally less than shipment. Jamaica ginger of prime quality held firm, but the No. 2 grade was down and No. 3 was still easy. Less than the forecast crop of yellow mustard seed is expected to be garnered. Black pepper stocks of large size were still held from the market because of too low ceilings. Old crop Louisiana long red chillies were fractionally lower.

Market Trends

Prices Advanced

Drugs

Catnep leaves, 32c. per lb.
Colombo root, 2c. per lb.

Other Articles

None

Prices Reduced

Drugs

None

Other Articles

Cardamom, decorticated, 5c. per lb.
Celery seed, ½c. per lb.
Grains of Paradise, 12c. per lb.
Ginger, Jamaica, No. 2, ½c. per lb.
Laurel leaves, Portuguese, ½c. per lb.
Nutmegs, E. I., 4c. per lb.
Peppers, red, chillies, Louisiana longs, old crop, ½c. per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
245.4	245.4	246.3	264.1

Balsams

Copaiba.—Not much activity reported last week. Buyers were reserved and transactions were mainly along jobbing lines. Prices held steady.

Peru.—Undertones were reported as being somewhat firmer last week, the possible result of the moderately more active consuming request that prevailed throughout the period.

Barks

Cascara Sagrada.—The annual value of cascara bark harvested in British Columbia, Canada, has reportedly reached $150,000 according to Canadian advices.

Soap.—Total exports from Chile during the first half of 1944 amounted to 286,902 gross kilograms. In July, exports totaled 62,946 gross kilograms.

Beans

Vanilla.—Reports indicated that importers are having some difficulty in replacing the Bourbon beans recently lost at sea. Replacement of 110 tons of badly needed beans that had been sold about 75 percent when they went to the bottom of the sea alone can relieve the extremely tight situation in spot vanilla. Mexico can do little since her crop is already well earmarked for consumption and supplies there have been well engaged and on a quality basis, only Mexican beans could serve as a substitute for the French product. There remains fairly good stocks of Tahiti beans on the market.

Berries

Juniper—Some moderate-sized addition to spot stocks of domestic berries have served to turn the market slightly easier and more favorable for buyers. It is possible that 70c. per pound might be shaded.

Prickly Ash.—Collection was disappointing this year, being much under normal regardless of prices offered collectors. The supply is likely to be quite short this year.

Flowers

Arnica.—Reports continued to suggest rather more competition than the market had been accustomed to and although prices were not openly lower, they appeared to be unsettled and subject to possible shading.

Chamomile.—Competition was quite active and tended to keep quotations in favor of buyers with firm orders in hand. Demand was not very lively last week.

Elder.—Stocks were from surplus size and the conservative quantities now available appeared to be in exceptionally firm position, especially on spot where distribution was not general.

Gums

Arabic.—There is a rather general feeling on spot that higher prices for arabic will come with the end of the war. Reopening of consuming markets that, for years, have been barred from receiving shipments from the primary market, is expected to so raise demand at the source as to make prices advance. Shippers and sellers there already show conservatism in their offerings. Meanwhile, the spot market remains rather quiet with stock of excellent size being available at prices fairly steady at the late decline.

Benzoin.—Very little gum, if any, is available on spot and there can be no general replenishment of stocks until liberation of the Netherlands East Indies reopens the primary market for Sumatra gum.

Mastic. — Buyers were reported ready and more or less willing to pay as high as $7 per pound to get a delivery. There was none available.

Sandarac.—Some of this gum is reported in the market and under the GMPR regulation, should sell not in excess of 99c. per pound. However, last reported sales were around $1.50.

Herbs and Leaves

Catnep.—Local dealers, when they have any, are delivering now out of new crop goods which are bringing 65c. to 66c. per pound—which figure is not much more than was paid in the primary market.

Henna.—The exports from Egypt in the first five months of 1944 were larger than total exports during all of 1943. France was the main buyer of the item, and United States was second, until 1940. Exports to France stopped in that year and those to this country ended in 1942, according to a Cairo report to the Department of Commerce. The area under cultivation during the 1943-1944 season is expected to yield less than in 1942-1943.

Laurel.—Portuguese material was a fraction lower at 18½c. to 19c. per pound and demand was spotty throughout the trading period just ended.

Marjoram. — Chilean herb was steadier, the price decline having been checked. Demand was a thin trifle larger.

Oregano.—Steady at the recent de-

For Current prices see alphabetical listing beginning on page 9.

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cline and receiving a fair call last week.

Miscellaneous

Grains of Paradise.—Goods have arrived on this market and at present are stored in Brooklyn, awaiting buyers at the lower price of 25c. to 26c. per pound. Other quarters continued to name 37c.

Kola Nuts.—Those with goods in hand and offering widely report almost total lack of buyer interest at the present time.

Lycopodium.—Too low prices will probably curb sharply the collection of this item in domestic primary markets. Not too much is being carried forward at the source.

Manna. — Though Italian markets that shipped this article in the past are in Allied hands, no sign of manna being brought to this country has appeared here. The Italian commercial markets are still closed to United States importers.

Roots

Colombo.—The supply was conservative to an extent that made the article sensitive in price when demand appeared. Values worked up to 19c. to 20c. per pound last week.

Helonias.—Workers brought in but limited quantities of this root during the past summer and there was still no general offering in spot quarters last week. The price was reported bound to be high and strong.

Mandrake.—Activity was rather narrow last week but prices kept a reasonably steady position since on spot they were well in line with values asked by suppliers at the source.

Turmeric.—One quarter quoted 8½c. to 9c. per pound on Haitian root for later delivery at New Orleans.

Xanthorrhiza.—Quoted firm at 25c. to 30c. per pound and spot holdings were light. So was spot demand. A quiet absorption of stocks in the primary market has been reported.

Seeds

Cardamom.—Decorticated was lowered to 75c to 80c. per pound. An offering of Coorg clipped was made at 60c. to 62c. per pound.

Celery.—Prices on Indian seed continued to decline, reaching 18c. to 18½c. per pound, which, in some instances, was cheaper than goods in a to arrive position.

Dill.—Dewhiskered material failed to decline further, assuming a steadier position at 14½c. to 15c. per pound even though demand failed to press strongly.

Fenugreek. — Only domestic seed was offered and the price held comparatively high at 20c. to 20½c. per pound. There would be almost eager buying of any Moroccan seed that might arrive here.

Mustard.—Less than the forecast quantity of yellow seed is expected to be warehoused in the primary markets this year, and at this time there seems to be little prospect of any substantial decline in prices.

Spices

Cassia.—Practically all former sellers have removed this item from their price lists because there is nothing available and it will be a long time before shipments are resumed from Batavia, China, Saigon, and other points.

Ginger.—No. 2 Jamaica was cheaper at 27c. to 27½c. per pound. The No. 3 grade held unchanged at 24½c. to 25c. per pound but showed signs of added easiness in the local market.

Nutmegs.—East India nutmegs for grinding purposes were offered sharply lower at 45c to 46c. per pound.

—Continued on page 62

Chemical Allocations

—Continued from page 53

clothing, phonograph records, industrial molded parts, crib sheeting, public transportation and other upholstery, coated fabric for baby pants, printing plates, pressure sensitive tape, mine ventilation tubing, camelback for tires and insect sprayers. Rigid sheeting for: records, repairs on machinery, lettering angles, computers, calculators, instruction plates, electrotype molds, window for oxygen tents, watch crystals, industrial instrument charts, insulators in chromium plating; exceptions, geon 200 for "other upholstery." No VYNS was allowed for civilian unsupported film applications; vinylidine chloride, requests granted 100 percent for: Molded parts, tubing, rodding, sheeting—where there is severe chemical corrosion.

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Another centuries-old Malayaian fish killer was derris root which American insecticide makers recently have turned into an agricultural insecticide that has brought high mortality to all kinds of plant-life pests.

Perhaps the transformation of derris the fish killer into derris the killer of agricultural pests is an arrow that points the way for the insecticide chemist to utilize the lethal fish berry in his fight against insect life that plagues the agriculturist.

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CRUDE BOTANICAL DRUGS

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Essential Oils, Other Aromatics

Demand for essential oils showed moderate improvement during the past week and the greater interest on the part of buyers reached a market that was definitely pinched in the matter of supplies of natural raw materials. Nor were conditions suggestive of an early improvement in the replenishment of low or totally exhausted stocks of dealers and distributors. While the trend of the war was favorable, it became clear that restoration of commerce between this country and liberated Europe will not come soon.

In fact, during the past week the requests of business men to go to Europe in the interests of commerce had apparently become so numerous that General Eisenhower had to issue a directive under which no American or British business men will be allowed to go to the Continent until further notice. Even mail communication from the United States is virtually impossible.

The situation in peppermint oil appeared to be getting "messy" once more. Producers were reported far from satisfied with their OPA ceiling prices, and, also, they seem not disposed to accept as accurate the crop of 1,144,000 pounds recently indicated by the Bureau of Agricultural Economics. A higher than expected production costs was said to be leading producers to request OPA once more to raise the ceiling, and the fact that many producers expect the crop to be smaller than indicated stimulates the movement for a rise in ceilings. The spearmint oil situation is so bad that local distribution has been practically snuffed out.

Local stocks of bergamot oil were restricted to some Brazilian material, and no Italian oil was reaching the market for civilian use. However, a supply of bergamot and lemon oils is expected to reach here from overseas soon.

The spice oil situation was also acute. Practically no natural oils were being offered and the market held numerous products made as replacements for all but unobtainable natural materials. Among such were cassia, cinnamon, nutmeg, mace, and pimento imitation oils.

Market Trends

Prices Advanced

Citronella, Ceylon, 5c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
261.7	261.6	259.9	247.0

Essential Oils

Almond.—The turn of events in France and the liberation of its great ports and cities turns the thoughts of former importers of French almond oil to the eventual resumption of imports of that article but hope of a renewal even or mere contact with former principals was shattered last week when a directive of General Eisenhower showed that no British or American businessmen were being allowed to go to Europe yet. No supplies of genuine French oil remain here.

Bergamot.—Oil made in Brazil continues to be the only kind of bergamot available in this country. The last sales of Italian oil were made around $25 per pound. A supply is expected to reach here soon from overseas.

Cardamom. — Market weakness in raw material prices continued to move them in favor of buyers. The position of oil has not changed further but the market was said to be somewhat unsettled.

Cedarleaf.—Demand was moderate, consisting of a fair run of small orders that bulked a total more than sufficient to retain firm undertones in the price structure.

Cedarwood.—While a fair supply was in hand, and in sight, production is subject to limitations imposed by the limited availability of labor. The undertone remained firm even though spot demand was moderate.

Citronella.—The firmer market at the source, which developed parallel with more buying for British account, was reflected in spot prices that were slightly higher and minimum at 95c. to $1 per pound. Spot demand was not very active but some interest in futures was disclosed.

Clove.—The raw material position bids fair to remain tight for an indefinite time. Further imports must be made if production of oil is to be maintained at the needed volume. The price position was firm to strong.

Dill.—Steadier following the recent price recession and irrespective of the very good deliveries being made to consumers whose contracts had been placed some time ago.

Eucalyptus. — Short supply seems unlikely to be relieved very soon. Importers cannot obtain goods in the Australia market in needed quantities and the South American sources of supply aid only to a limited extent. Nor has Spain forwarded much material for a long time past.

Geranium.—Stocks were low, held in a few quarters and in small quantities only, and are not likely to be replenished very soon since it takes an extraordinarily long time to get Bourbon oil from the source to the spot.

Ginger.—The second grade of Jamaica root was somewhat cheaper last week but the No. 3 quality failed of further decline. Reports failed to mention as likely an early arrival of root from African sources of supply. The whole situation tends to keep spot stocks of oil conservative and to make for a firm to firmer price position.

Lavender. — The High Command abroad has refused to permit business men entry into Europe and, hence, it is impossible for even London connections to make direct contact with the lavender oil producers in liberated France where flower oil is produced.

Lemon.—The market remained in statu quo. Insufficient stocks make spot transactions with civilian consumers extremely few in number and in very limited quantities when they are effected. A supply of Italian oil is expected to reach here soon from overseas.

Orange.—The movement was fair in size. Stocks met practically all requests promptly and in full measure. Consumption has grown materially since lemon oil became almost unobtainable in the open market. Undertones were reasonably steady and values were maintained.

Peppermint. — Reports from some producers suggest that a movement is afoot to persuade OPA to permit higher ceiling prices. Dealers here find it far from easy to obtain new crop oil at prices which will allow them a profit when sold on the basis of dealers' ceilings. The basis for the possible request for higher ceilings seems to be the producers' opinion that production costs are running higher than expected. Some producers, also, do not accept the Bureau of Agricultural Economics indicated production of 1,144,000 pounds this year; they think that figure will not be realized in fact.

Spearmint.—The prices which OPA has insisted remain unchanged for new crop oil are pinching local dealers out of the sale and distribution of this oil. Whereas the larger of manufacturing consumers may be able to get oil within the limitations of OPA price orders, such is not the lot of dealers who distribute to the many smaller users of the material. A factor also operates toward extinction of activity by local distributors is the expected decrease in 1944 productions as compared with that in 1943.

Vetiver.—Mighty little oil is available on spot and sellers expect it will be months before further supplies of Bourbon oil will be actually started toward this country.

Ylang Ylang.—The position of this oil is identical with that in vetiver. A replenishment of the all but exhausted spot supply depends on the actual arrival here of replacement goods. The last attempt to import failed when the cargo carrier was lost at sea.

For Current prices see alphabetical listing beginning on page 9.

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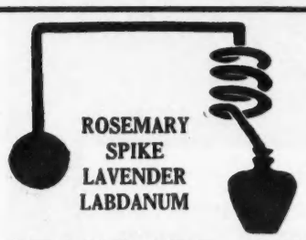

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Aromatic Chemicals

Heliotropine.—Very firm and not in general nor large distribution locally. The consumer interest appeared routine last week.

Hydroxycitronellal.—The but limited availability of raw material keeps production at low ebb and makes for scarcity in a firm to strong spot market.

Methyl Salicylate.—Interest was very good and most requirements of regular manufacturing consumers have been met within reasonable limits. Price stability continued to be notable.

Menthol Situation Reviewed by Lipscomb

Although lower menthol prices are indicated for 1945, contingent upon success of the new Brazilian mint crop, no floor price has yet been set in Brazil and consequently it is recommended that purchases in this country be made on a basis of quarterly contracts to assure continued supply with protection against possible price declines, according to C. T. Lipscomb, jr., vice-president of McKesson & Robbins, Inc., New York, currently a large importer of menthol. Mr. Lipscomb comments on current conditions and the outlook in menthol as follows:—

A study of all possible sources indicates that Brazil must again in 1945 supply most of the U.S.P. menthol requirements of the United States market. In 1943 Brazil's menthol production reached approximately 40,000 pounds. This jumped to between 400,000 pounds to 450,000 pounds in 1944. In 1945 a 25 percent to 50 percent increase is expected, barring unfavorable developments.

An estimate of United States consumption of U.S.P. menthol amounts to approximately 550,000 pounds in 1939. This year, had menthol been in free supply at lower prices consumption in this country would have been considerably greater than last year. At current prices, however, many consumers have reduced or eliminated their use of the product. This year about 400,000 pounds is being used in the United States, consisting of most of Brazil's production and a small domestic production. During 1945, United States consumption is expected to increase as the supply becomes more dependable and prices decrease. The present potential U. S. consumption is estimated at between 650,000 pounds and 700,000 pounds, but will probably not be reached next year since prices will continue to be above the prewar level.

In 1943 and 1944, the United States succeeded in obtaining most of Brazil's menthol. England established import ceiling prices below prices paid by United States buyers. In the coming year, lower prices in Brazil and expected war developments should open other world markets. Brazil's 1944 mint crop produced a good quality of oil, averaging 77 percent to 80 percent menthol content. The oil yield, approximately 25 pounds to 30 pounds per acre, was very low, due to bad weather, farmers' inexperience, and other factors. A better result than this as well as larger acreage is expected next year.

The cultivation of the crop is now starting. The first cuttings will be made in November, allowing first shipments from Brazil to be made late in December or early in January, arriving in this country late in January or in the first part of February. Two other cuttings are expected during the first half of 1945. This normal schedule, however, might be upset by bad weather, crop diseases and similar difficulties.

It is difficult to estimate how much menthol prices might decrease during 1945. This will depend not only upon the results of the crop, and upon "supply and demand," but also upon the Brazilian government's price control. The industry is just getting a start in Brazil, and menthol manufacture will be a near-monopoly throughout 1945. A floor price has not yet been set for 1945 menthol sales.

McKesson & Robbins has contracted to buy large quantities of U.S.P. menthol for shipments throughout all of 1945, from carefully selected Brazilian producers. Prices will be set once each quarter based on market developments and orders will be taken from customers on the same basis, in the belief that this plan offers the best assurance of a continued supply of menthol with protection against expected price declines.

Percy C. Magnus Speaker At Reopening of Hospital

Percy C. Magnus, president of the Downtown Hospital of New York, addressed a gathering in front of the hospital, at Broad and South streets, on the occasion of the reopening of the hospital after a suspension of its service for the purpose of making needed repairs and improvements. Mr. Magnus is the president of Magnus, Mabee & Reynard, Inc., essential oil house, New York.

Boston BIMS to Golf

Boston BIMS, a social organization of buyers, importers, manufacturers and salesmen, will hold its final golf tournament of the season at the Charles River Country Club October 18. P. Niles, of Boston office of Fritzsche Brothers, Inc., is in charge of arrangements.

Chicago Drug Ass'n to Meet

The Chicago Drug and Chemical Association's first Fall luncheon-meeting will be held at the Drake hotel, September 28, at 12:15 p.m. The speaker will be Donald McGibney, whose subject will be, "What's Ahead in World Affairs."

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Petroleum Derivatives

A notable amplification of the daily rate of crude oil production in domestic fields, resulting in some measure from the incentives for swelling the aggregate output afforded by the subsidy payments now being made to the so-called "stripper" wells, which has more than compensated for a previous dip in the total crude oil yield, has constituted the highlight in the petroleum industry within the past week, with lesser lights beaming alongside this development in the authorization by the Office of Price Administration of considerable markups in prices for oil produced in three widely separated pools and a substantial increase in stocks of residual fuel oil, in the face of a drop in the production of this heating agent used in industrial processes.

The hurricane that swept up the Atlantic seaboard near the close of the preceding week has caused little serious damage to petroleum installations, being confined chiefly to piers and bulkheads on waterfront property, with no destruction of tank facilities, so that the resultant loss has not greatly exceeded $250,000.

Despite a sizable increase in the week's runs of crude oil to the refineries, the shortage of petroleum solvents in the group of naphtha specialties, and also in liquefied gases, available for civilian usages, has not been in any way relieved as war requirements, naturally taking precedence over all private interests, have continued to absorb the lion's share of stocks and current production in these important derivatives.

Solvents and Diluents

Aromatic Solvents. — Demand for these high solvency aromatic naphthas continues keen, with the bulk of the output of both Class A and Class B solvents and blends going into war production uses. The latest amendment to WPB's conservation order M-150, embracing blends as well as Class A and Class B types, has not proved of any material benefit to non-military users, with its addition of three more permissible uses in Class B solvents, inasmuch as only two of these additional uses could be availed of by civilian use consumers—those allowing one drum a month for experimental and research work and permitting their use in the production of Class B blends. Meanwhile, processors of these solvents have enough xylene on hand to cover their base requirements for a few weeks ahead but are becoming uneasy lest the government's present gargantuan call on benzol and toluol may eventually bring about recourse to xylol, in which case there would be a serious shortage of xylene.

Cleaners' Naphtha.—Heavy demands upon stocks of this cleaning fluid continue to be made by both military and civilian consumers. Prices well maintained throughout the list.

Lacquer Diluent. — Extensive purchasing is still reported by varnish and lacquer makers, with those engaged in war production work obtaining the bulk of the offerings. Tone steady.

Mineral Spirit.—Moving briskly into consuming channels, with no sign of waning volume. Market firm.

Rubber Solvent.—The seemingly insatiable requirements of the synthetic rubber makers are absorbing virtually all the current output.

Stoddard Solvent.—Buying interest continues large, with heaviest takings for military account. Tone strong.

V.M. & P. Naphtha.—In unabatedly keen demand, with those engaged in war production work absorbing the greater part of available stocks.

Markets at Other Centers

Chicago, Sept. 22.—Call for petroleum solvents and diluents is fully up to expectations in this area. The paint industry continues an active taker. Rubber industry expansion is indicated to be continuing, with orders good. Other industrial markets are indicating continuing active interest with the size of their orders.

Los Angeles, Sept. 20.—The demand and buying interest in Class A and Class B type aromatic solvents remains unchanged and the situation is very tight with almost everything spoken for in production on the Pacific Coast. Cleaners' naphtha and lacquer diluent remain in keen demand with the market strong as in previous periods.

For Current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

Crude petroleum, Reagan Nose pool, Mont., and Varner pool, Ind., 35c. per bbls.; Lost Springs East pool, Kan., 25c. per bbl.

Prices Reduced

None

Lighter Fractions

Butane.—Private domestic users are compelled to do without any but small quantities of this liquefied gas for home heating and cooking while other industrial users are finding themselves greatly cut down in their allotments, because of the continued heavy absorption of current stocks and production by manufacturers of 100-octane gasoline and synthetic rubber. Prices strongly held throughout.

Heptane.—Moving in steadily increasing quantities into consuming channels. Tone firm.

Hexane.—Being shipped in steadily mounting amounts. Market steady.

Octanes.—An expanding purchasing movement is noted, chiefly on war production account.

Pentanes.—Continue in increasingly keen demand. Prices firmly maintained.

Propane.—A situation identical with that noted above for butane also prevails in this liquefied gas.

Petrolatums and Waxes

Amorphous Waxes.—Still moving steadily into consuming channels, with the standard process types in the lead. Prices continue to be generally well maintained.

Paraffin. — Lend-lease shipments continue to reach large proportions in crude scale, with the result that stocks are being steadily reduced. Refined grades are still in scanty supply and firmly held.

Petrolatums. — In steady inquiry, with U.S.P., veterinarian and technical grades moving in an unbroken stream into consuming channels. Market stable throughout.

White Mineral Oils.—A fair-sized movement is still under way in these oils, with shipments of both U.S.P. and technical grades about equally divided. Leading producers continue to adhere strictly to their list prices but some shading is yet being indulged in by relatively smaller suppliers.

Fuels and Lubricants

Crude Petroleum.—The American Petroleum Institute reports an increase of 56,100 barrels in the average daily rate of domestic crude oil production to 4,745,500 barrels for the week ended September 16. PAW has recommended a daily production for October of 5,010,800 barrels, or 40,500 barrels less than the certified September rate.

OPA has authorized three additional markups in maximum prices for crude oil: an advance of 35 cents per barrel in the Reagan Nose pool, in Glacier County, Montana, and in the Varner pool, Spencer County, Ind., and an advance of 25 cents in Lost Springs East pool, Marion County, Kansas.

PAW has announced that operators, buying materials to be used in operations outside the United States and its territories or possessions or beyond the boundaries of Canada, should use authorized priorities assistance to obtain the required materials within six months from the date of issuance of an export license or release certificate.

Gasoline.—PAW's Petroleum Industry War Council has gone on record, this past week, as saying that the cessation of the war in Europe should reduce military consumption of gasoline sufficiently to allow more for civilians and that even a continuance of global war through this coming Winter should find the oil resources, available to the United Nations, adequate to meet "war military and essential civilian needs."

OPA has announced that B-3 and C-3 gasoline ration coupons will be invalid for motorists after September 30 and that T coupons marked "3rd Qtr." will expire at the same time for commercial motor vehicle operators.

Production of gasoline for the week ended September 16 is reported to have increased 108,000 barrels to 14,201,000 barrels. But, at the end of that week, nationwide stocks of gasoline had been reduced by 850,000 barrels to 78,726,000 barrels.

Fuel Oil.—Stocks of residual fuel oil, are reported to have risen by 1,505,000 barrels to 62,240,000 barrels in the week ended September 16, despite a drop in production of 785,000 barrels for that week from the previous week's output.

Several minor changes in the fuel-oil rationing regulations have been made by OPA, effective September 22, most of them being procedural in nature and relating to the use of ration currency and method of payment.

Jones Heads PAW Group

W. Alton Jones, president of the Cities Service Oil Company, has been named chairman of the general committee for the East coast area, according to the Petroleum Administration for War.

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2—2500 liter Swenson Steel Crystallizers, Jacketed and Agitated.

2—Swenson & Zaremba 4′ Evaporators.

1—Lead Lined 24″ Centrif. Extractor.

1—Tolhurst 28″ Centrifugal Extractor.

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6—Lead Lined Tanks, 375 to 1000 gal.

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5—Howe Platform Scales, 1000 to 3000 lb.

Rotex Sifters; 20″x48″; 40″x84″; 54″x120″.

2—Lab. W. & P. Unjacketed Mixers.

1—W. & P. 100 gal. Jktd. double arm Mixer.

2—Heat Exchangers; 100 sq. ft., copper tubes.

1—Kilbey Rotary Kiln; 5′x22′.

1—Tray Dryer with blower; 35 S.S. Trays.

4—Iron Fireman Stoker with complete equip.

1—Boiler 100 H.P. steam pump, injector, stack, etc.

2—Air Compressors, Fairbanks and Brunner.

15—Steel and Wood Storage Tanks; up to 10,000 gal.

4—Direct Fired Retorts, agitated; 3′x7′4″; swing door.

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1—Pneumatic Scale Co. Auto. tight WRAPPER.

2—Batteries of two each TYLER HUMMER SCREENS 4′x5′, single deck, other sizes

1—36′ dia Cast Iron COLUMN, 23″ high.

1—355 c.f.m. AIR COMPRESSOR with A.C. Motor

1—Devine duplex VACUUM PUMP 16 x 16 x 12.

2—STOKES steam heated WATER STILLS, 5, 10 gal. per hour.

1—Day 5-gal. jacketed MOGUL MIXER.

9—Hardinge BALL MILLS, 3′ x 36″, 6′ x 36″; also 6′ x 12′ Rod Mill.

2—8′ x 30″ Hardinge Conical Silex Lined PEBBLE MILLS.

5—ROTARY KILNS, 6′ x 60′ 8′ x 125′, 8′x 135′.

2—BELT CONVEYORS, 30″ x 130′, 16″ x 65′.

3—Dracco Perfecto Type AAA DUST COLLECTORS

1—Abbe Blutergess No. 2 SIFTER; 1—No. OS, m.d

2—Gen. Ceramic 40″ dia. x 15′ high ABSORPTION TOWERS.

10—Dopp C. I. jacketed KETTLES, 25 Gal. to 100 gal; 30—steel, cast iron, jack. up to 2000 gals.

3—ROLLER MILLS, 6′ x 14″, 12 x 30, 16 x 40 water cooled.

2—K. K. 18-spout Rotary Gravity hand FILLERS.

1—Pneumatic Scale straight line BOTTLE CLEANER

4—150 gal. aluminum TANKS, cone bottom.

1—Stokes No. 21 GRANULATING MIXER, 50 lb belt driven.

4—Granberg LIQUID METERS.

1—No. 7; 2—Colton TUBE or JAR FILLERS, No. 0.

1—Colton hand TUBE FILLER.

2—Jones Automatic CARTONERS.

2—Anderson PACKAGING UNITS.

1—Sperry Iron FILTER PRESS, 36″ x 36″, 38 chambers; 1—Shriver 24″ x 24″, 40 chambers.

2—World Rotary auto. LABELERS.

1—Burt straight line auto duplex LABELER, md.

1—C. C. & S. 7-head Jumbo CROWNER

7—50 gal. copper steam jacketed VACUUM PANS, complete; other sizes to 750 gal.

1—300 gal. COPPER steam jack. KETTLE, with bronze agitator.

1—Pneumatic Scale Co. Auto. 6 head CAPPER & CAP FEEDER, M. D.

1—(new) Stokes "F" single punch TABLET MACHINE, ⅝", A. C. motor.

3—Pfaudler GLASS LINED TANKS, 2-90 gal. open, 1-100 closed.

1—No. 12 SWEETLAND FILTER with 36 monel leaves, 250 mesh, grooved.

WANTED: Idle Machines
Single Items or Complete Plants.
You can help War Production by sending us your list.

We Buy and Sell From a Single Item to a Complete Plant

CONSOLIDATED PRODUCTS CO., INC.

13-18 Park Row
New York 7, N. Y.

FOR OVER 25 YEARS — A SYMBOL OF CONFIDENCE

Shops: 335 Doremus Ave.
Newark 5, N. J.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to BOX 348, Oil, Paint and Drug Reporter.

SIFTERS—Wolf gyrator, old or new style; Richmond gyro whip; Schutz O'Neill limited pulverizer, preferably large size. BOX 359, Oil, Paint and Drug Reporter.

WANTED—Elgin or similar piston-type filler for heavy liquids and creams. BOX 389, Oil, Paint and Drug Reporter.

WANTED—Large wooden tanks, cypress preferred, approximately 15 feet by 15 feet, 3 inches thick. BOX 396, Oil, Paint and Drug Reporter.

Facilities Offered

CHEMICAL PLANT, medium size, can accept contracts for steady production urea-formaldehyde and phenol-formaldehyde resin adhesives, phenolic laminating varnishes, and similar products. BOX 377, Oil, Paint and Drug Reporter.

Materials Offered

FOR SALE—22 drums polyvinyl acetate emulsion, 35 percent solids. Plasticized with sanciczer B-16 and dibutyl phthalate. Slightly off color. Priority free. Riverdale Chemical Company, 14112 Edbrooke avenue, Chicago 27, Illinois.

SPECIAL OFFER—Troluoil, 700 drums, prime quality. Located New York area. Purchased for export. Unable ship, therefore willing sacrifice. BOX 395, Oil, Paint and Drug Reporter.

Materials Offered

FOR SALE—About 100 bbls. No. 1 karaya gum in original bbls. BOX 390, Oil, Paint and Drug Reporter.

Materials Wanted

TO MANUFACTURERS and jobbers—Are you overstocked? We require immediately large or small lots many items, chemicals, pharmaceuticals, solvents, aromatics, waxes, other supplies. Submit offerings at once. Correspondence treated confidentially. BOX 363, Oil, Paint and Drug Reporter.

Plants Wanted

WANTED—To buy small chemical plant, with steam heat and gas, with or without equipment, vicinity of or in New York City. BOX 382, Oil, Paint and Drug Reporter.

—Continued on page 62

SPECIALS

Abbe 300 gal. Silex Lined Pebble Mill.
Buffalo 24 x 20 Vacuum Drum Dryer.
W & P 500 gal. Jack. & Ag. Mixing Kettle.
Sperry 42" wood plate and frame Filter Press, C.D.
Shriver 24" Filter Press, C.D.
Vallez Rotary Filter, 35 leaf, 957 sq. ft.
Rotary Tablet Machine, Kux-Lohner 1" max. dia.

We buy individual items or complete plants for cash.

MACHINERY & EQUIPMENT CORPORATION (of N. Y.)
533 West Broadway New York 12, N. Y.
GR-5-6680

For Sale Because of Death
2 FACTORIES IN MEXICO
Both Still in Operation

1—Manufacturing lime-oil and calcium citrate (3600 sq. ft.)
2—Manufacturing industrial chemicals and citric acid (7500 sq. ft.)

TAX EXEMPTION FOR TEN YEARS
Plants may be used for other purposes
For Information Consult
DANIEL FERBAL, Calle Vizcainas
PONIENTE 12, DEP. E
MEXICO CITY

(6) Ball Mills (6)
MUSHROOM TYPE
40" Dia. Cast Iron
PULLEY DRIVE

EMSCO EQUIPMENT COMPANY
EMIL A. SCHROTH, Owner
41 HYATT AVE., NEWARK 5, N.J.
Phone: Mitchell 2-3536

SPECIALS!

1—W. & P. 150 GAL. STAINLESS STEEL LINED DOUBLE ARM MIXER.
3—COLTON NO. 2 ROTARY TABLET MACHINES.
1—STOKES "D" ROTARY TABLET MACHINE.
2—Colton No. 2-B Single Punch Tablet Machines.
1—Fitz-Killion Rotary Tablet machine, up to ¾".
2—Single Punch Tablet Machines.
2—J. H. Day 30" Copper Coatings and Polishing Pans.
1—W. & P. 20 gal. Double Arm Mixer.
2—Ermold Semi-Automatic Labelers.
1—Patterson 3'x4' Porcelain Lined Pebble Mill, motor-driven.
1—Patterson 5'x4' Silex Lined Pebble Mill, motor-driven.
3—J. H. Day 80-gal. Lead Mixers.
2—J. H. Day Twin 80-gal. Lead Mixers.
2—Fletcher 40" Centrifugals, motor driven, bottom discharge, with Louis Allis 10 HP High Torque Motors, 3/60/220 volt.
2—6'x5' JACKETED CLOSED PRESSURE KETTLES.
1—Shriver Diaphragm Pump, 45 gpm, 5 HP motor.
3—Oliver Rotary Filters, 5'x8', 8'x8', 8'x11'.
5—Shriver and Independent 24", 36", 42" Wood Filter Presses.
1—Johnson 24" C. I. closed delivery Press, with 36 plates and frames.
29—Centrifugals, 32", 40", 48" steel, bronze baskets, motor driven, top, bottom discharge.
3—Hersey Rotary Dryers, 5'x30', 5'x21'.
1—Copper Rotary Dryer, 6'x17'.
2—Scott 4'x8' Vacuum Cookers.
1—BUFFALO 24"x20" VACUUM DRUM DRYER.
6—Rotary Dryers, 4'x30', 6'x42', 6'x60', 6'x65'.
1—Raymond Mill, No. 0000, ball bearing, with 15 HP motor.
2—Jeffrey Hammer Mills, 36"x24", 24"x18".
3—Roller Mills, 9"x24", 12"x30".
2—Tyler Screens, 3'x3', 4'x5'.
1—Stokes Steel Vacuum Pan, 100 gal.
2—1750 gal. Lead Lined Pressure Tanks.
2—JACKETED STILLS, 500 AND 350 GAL. WITH STEEL COLUMNS AND CONDENSERS.
10—Condensers, 20 to 300 sq. ft.
4—JACKETED, AGITATED STEEL KETTLES, 650, 600, GAL.
5—Jacketed, Closed Steel Receivers, 45, 60, 100 and 200 gal.

Miscellaneous: Complete stocks pumps, tanks, filters, boilers, etc.

Partial List Only. Your Inquiries Solicited. Send us your lists of surplus equipment.

BRIL'L
Equipment Co.
225 WEST 34th STREET
NEW YORK 1, N. Y.
BRyant 9-2040

2—Batteries (9 and 11) Tolhurst 40" Suspended Type, Centrifugals, Motor Driven, Bottom Discharge.

1—F. J. Stokes 3'x15' Rotary Vac. Dryer.
1—Raymond No. 10 Imp Mill, complete.
1—3 Roll High Side Raymond Mill, complete.
3—No. 0000 and No. 0 Raymond Mills.
2—Bonnot 27" dia. Iron Filter Presses.
6—Autoclaves, 200 to 1,500 gals.
12—Vertical, jacketed, agitated Kettles, up to 1,600 gals.
2—75 & 1,500 gal. lead lined closed Kettles.
1—Pfaudler 60 gal. Jack. Agit. Glass Lined Kettle.
2—Dopp 50 gal. Jacketed, Agitated Kettles.
1—250 gal. Copper Jack. Vac. Still and Receivor.
1—Pfaudler 350 gal. Jack. Agit. Steel Kettle, Copper Lined.
1—700 gal. Steel-Copper Lined Vac. Filter Tank.
1—600 gal. Steel Copper Lined Agit. Tank.
6—20, 35 & 250 gal. Closed, Agitated, Jacketed Copper Kettles.
20—50 gal. Vert. Agitated Steel Tanks with Nettco Drives.
4—Single Punch Preform Tablet Machine, ⅛" & ¾".
2—Ball & Jewell Rotary Cutters.
3—Homogenizers, 7½ & 10 HP.
4—Watson-Stillman Hydr. Pumps.
2—Blystone 2,000 lb. Jacketed, Horiz., Paddle Type Steel Mixers.
1—25 gal. Ross Double Arm Heavy Duty Tilting Mixer.
6—Horizontal Mixers, 25 to 150 gals., Single & Double Arm.
1—Faust 150 gal. Jack. Spiral Mixer.
1—Coombs Gyratory Sifter, 1/3 HP.
1—Robinson 20" M.D. Attrition Mill.
1—Howe Barrel & Bag Packer.
2—4,000 gal. Vert. Acid Proof Tanks.
1—Nash No. 3 Vacuum Pump.
1—No. 3 Oliver 14"x8" Duplex Vacuum Pump.
1—Penn. Vac. Pump, 14"x5".
2—Worthington 12" x 12" x 12" Vacuum Pumps.
2—DeLaval Separators, Lab. size & No. 302.
2—DeLaval Multiple Clarifiers, Nos. 300 & 600, motor driven.
2—Ross 8 & 15 gal. Pony Mixers.
1—Ross 2 Roll Granite Stone Mill, 8"x12".
2—3 Roll water cooled 16"x40" Steel Roller Mills.
2—Ross 3 Roll Water Cooled 12"x30" & 16"x40" Steel Roller Mills.
3—Double Stand Steel 4 Roller Mills, 7"x18", 7½"x20" & 7½"x30" Rolls.
10—Pebble & Jar Mills, Lab. to 50 gal.
2—Tolhurst 26" & 40" Centrifugals.
8—Stone Mills, 8" to 32".
8—Lead & Paste Mixers, 50 to 135 gals.
5—Varnish Kettles, 100 to 200 gals.
10—Steel & Wood Tanks, up to 4,000 gal.
2—Schutz-O'Neil 16" & 20" Pulverizers.
2—Double Roll Crushers.
2—Williams No. 2XX & No. 3 "Regular" type Hammer Mills.
10—Electric Agitators, ¼ to 2 HP.
20—Rotary, Centrif. & Triplex Pumps.
6—Gas Boilers, 1 to 10 HP.

Only Partial Listings
Write for Complete Bulletins
We Buy Your Surplus Machinery

STEIN EQUIPMENT COMPANY
Department E
426 BROOME ST., NEW YORK 13, N. Y.

UNION Rebuilt Machinery Established 1918

IN STOCK . . READY FOR IMMEDIATE DELIVERY! ALL OFFERINGS SUBJECT PRIOR SALE!
Wire Collect for Prices and Details!

Just secured
KNAPP ADJUSTABLE CAN LABELING MACHINE

2—Mikro Pulverizers equipped with 50 H.P. motors.
2—Karl Kiefer Rotary Viscol type Filling Machines.
1—Abbe 4' diameter Pebble Mill.
National Equipment 100-gallon latest style Colony Homogenizer with stainless steel two stage head.
1—Huhn Steam Dryer.
1—Elgin 24 Spout Rotary Vacuum Filling Machine.
1—Colton Ossilating Granulator.
2—Galvanized tilting type Percolators, 200-gallon capacity.
1—World Fully Automatic Labeling Machine.
1—Filler four Plunger Filling Machine.
1—J. H. Day No. 2 Double Arm, heavy duty, motor driven.
1—Ermold and 1 World Semi-Automatic Labeling Machines.
2—Day 3 roll Roller Mills 16" x 40" horizontal type with roller bearings, direct motor drive.
2—Kent 3-roll Roller Mills, 16" x 40" horizontal type motor drive.

WE PAY CASH FOR SINGLE MACHINES OR ENTIRE PLANTS

Union Standard Equipment Co.
318-322 Lafayette Street
New York 12, N. Y.

SPECIALS!

DISTILLING COLUMNS:
48" DIA. C.I. RECTIFYING COLUMNS, Containing 24 bubble cap type plates, 6 caps per plate.
78" DIA. C.I. RECTIFYING COLUMNS, 30 bubble cap type plates with 12 caps per plate. All units complete with coolers.
48" DIA. CHROME-IRON COLUMN containing 26 Bubble Cap Type Plates—new little service. Drawings available.
8'4" to 10'0" STEEL COLUMN containing 19—8'4" dia. and 9—10'0" dia. Bubble Cap Type Plates. Drawings available.
48" DIA. EVERDUR COLUMN—Bubble Cap Type Plates. An exceptional value.
POT STILL — COPPER, HORIZONTAL
1—6'0" dia. x 7'4" long, Flanged Heads, 1,585-gal. cap. Compl. with coils.
TANKS, COPPER AND STEEL.
AMMONIA COOLERS.
BUCKET ELEVATOR, 105'0" high, Buckets 6" x 11", Compl. with Drive, Pulley, and Belt.
HAMMER MILL: Williams, Cap. 1,000 to 1,200 lbs. corn per hour through 1/16" screen.
PUMPS—CENTRIFUGAL AND STEAM, all sizes.
4—TANK SAND FILTER SYSTEMS, each 3'0" dia. x 5'0" high, with fittings and "I" Beams.
PEABODY OIL BURNER—Never Used—Suitable for 150 h.p. Boiler.
ACE OIL BURNER—excellent condition.
LAWRENCE TRIPLE EFFECT EVAPORATOR. Complete in one body.
2—BADGER SINGLE EFFECT EVAPORATORS.
9—COIL-TYPE VACUUM PANS: (Complete with Condensers, Catch-alls, etc.)
2—ANDERSON NO. 3 MOISTURE EXPELLERS.
ROTARY STEAM DRYERS, with Trunnions.
CONDENSERS
Bronze Tube Sheets, Copper Tubes, Copper or Steel Shells Ranging in Size from 100 to 1,000 Sq. Ft. of Surface.
FITTINGS AND VALVES:
All Sizes, Types—Reconditioned
Write for Complete List

ORELAND EQUIPMENT CO.
P. O. BOX "E", ORELAND, PENNA.

FOR SALE

STAINLESS STEEL TANKS—new—(100 and 200 gal., dished bottoms).
STEAM JACKETED STEEL TANKS—some with agitators—25 gal. to 2,250 gal.
COPPER TANK with agitator and coil, 66" dia. x 7'.
INVINCIBLE POWER Vertical Barrel Filling & Packing Machine.
COPPER EVAPORATOR with Stokes Condenser.
KNY-SCHEERER STERILIZER, 71½" long, 30" wide, 42" high.
DEVINE JACKETED COOKER, 36 x 36, with heavy cover.
DAY MIXERS.
STERILIZERS or PRESSURE COOKERS—new—18" x 18" on steel legs, with gasoline burner, clamp-down cover, safety valve & gauge—$75.00 each.

H. LOEB & SON
4603 LANCASTER AVENUE, PHILADELPHIA 31, PA.

BRAZIL

Progressive Brazilian firm with more than 20 years experience trading chemicals and dyestuffs, financially sound, would welcome association with American manufacturer interested in manufacturing in Brazil. Best references offered. Firm's representative presently in New York. For appointments write Box 388, Oil, Paint and Drug Reporter.

Business Wants

--Continued from page 61

Positions Vacant

CHEMIST WANTED—We are looking for a man experienced in pill and tablet production; also general knowledge of automatic packing equipment preferred but not essential. State fully your qualifications in first letter. All replies strictly confidential. BOX 346, Oil, Paint and Drug Reporter.

ANALYTICAL CHEMIST; one thoroughly experienced in vitamin assay work preferred. Large western New York pharmaceutical house has fine opportunity for chemist who can qualify. Give us full particulars in first letter; we will keep it confidential. BOX 345, Oil, Paint and Drug Reporter.

CHEMIST WANTED — Young chemist wanted by progressive lacquer and synthetic enamel manufacturer. Good opportunity for energetic man desiring permanent connection. State full details. BOX 337, Oil, Paint and Drug Reporter.

CHEMIST WANTED with sales experience and preferably mining ability. Must be sober, industrious and a producer; give experience and qualifications and we will give additional details of position. Write Box 1950, Raleigh, N. C.

CHEMICAL PRODUCTION man wanted by small agricultural insecticide firm, long established, located 60 miles from New York. Position supervisory, attractive and permanent for experienced, capable man. State fully experience, salary at last employment. All correspondence strictly confidential. BOX 365, Oil, Paint and Drug Reporter.

SALESMAN WANTED with car. Experienced in selling dealers, hardware, and industrial plants. To promote full line of paints, varnishes, enamels, and coatings. Territory: Bergen, Essex and Passaic counties. Satisfactory proposition for a man of responsibility. BOX 367, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER, thoroughly experienced in oil refining and vegetable oil factionation and segregation. This is a permanent position with large manufacturer in Chicago area, offering unusual postwar opportunities. Replies should give full information and will be treated in strictest confidence. Please answer in fullest detail. BOX 373, Oil, Paint and Drug Reporter.

Positions Vacant

ANALYTICAL CHEMIST — Permanent position open with large midwestern paint and varnish manufacturer. Excellent postwar prospects. Give full details about self, draft status and salary expected. BOX 372, Oil, Paint and Drug Reporter.

EXPERIENCED SALESMEN wanted for regular coverage of jobbers, retail and chain stores, eastern states and middle west. Harco Chemical Corporation, pharmaceutical manufacturers, ointments, tablets, liquids, 625 Broadway, New York, N. Y.

CHEMICAL EXPORTS—Old-established, financially sound export firm, desiring to build up its chemical business, seeks capable experienced man to manage chemical department; he must have thorough knowledge of chemical products, domestic sources of supply, foreign buyers and market requirements; liberal profit-sharing and salary arrangement; reply by letter stating age and qualifications; replies held confidential. BOX 384, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST with broad experience in the manufacture of drug products to take charge of development work. Permanent position offering substantial opportunity at attractive salary for man with initiative and ability to assume responsibility. Location northern New Jersey. Write fully in confidence concerning age, education, previous employments and salary desired. BOX 385, Oil, Paint and Drug Reporter.

PURCHASING AGENT, thoroughly experienced purchasing chemicals and packaging materials, for national manufacturer of drug and toilet preparations. Permanent position. Excellent opportunity. BOX 387, Oil, Paint and Drug Reporter.

CHEMIST, excellent opportunity in expanding plant, one hour from New York. Experience in resin and plastic coating applications on textiles. Give full details. BOX 391, Oil, Paint and Drug Reporter.

TABLET MEN—Experienced granulators, compression men and coaters. Also have an excellent opening for a man capable of managing tablet department. Opportunity for permanent connection with established and reputable concern. BOX 392, Oil, Paint and Drug Reporter.

Positions Vacant

COLOR MATCHER—Attractive position open to aggressive man with knowledge of printing inks, varnishes, dry pigment colors. Chemical knowledge desirable. State nature and length of experience. BOX 393, Oil, Paint and Drug Reporter.

Positions Wanted

SPECIALIST in chemical-resistant paints, synthetic rubber enamels, hot surface finishes, maintenance and marine coatings wishes to join progressive paint manufacturer, New York or vicinity; may invest. BOX 368, Oil, Paint and Drug Reporter.

GENERAL MANAGER of medium-sized paint or lacquer company specializing in industrial coatings. Location New York or Jersey area. Thorough chemical training and broad experience in management, production, sales and purchases. Substantial salary, plus bonus based on sales increase. Age 48. Excellent record. BOX 379, Oil, Paint and Drug Reporter.

SALES ENGINEER—Graduate chemical engineer with excellent sales record wants pigments, oils, resins, solvents, chemicals, etc., to sell paint, rubber, printing ink, ceramic, etc., industries in Cleveland, Akron, Detroit. Can handle on brokerage or as part-time employee. BOX 381, Oil, Paint and Drug Reporter.

PURCHASING AGENT, age 37, married, seeks permanent position with good concern. Excellent background and references; 17 years' experience, full charge complete purchasing function chemicals, plastics, synthetic rubbers, textiles, machinery and factory needs. Anywhere in U.S.A. BOX 383, Oil, Paint and Drug Reporter.

Botanical Drugs

—Continued from page 56

Some East Indian 110's were quoted lower at 47c. to 48c.

Pepper.—Old crop Louisiana long red chillies were reduced a fraction to 27½c. to 28c. per pound. No other change came in any sort of pepper. No further developments in the government suit to force release of black pepper now withheld from the market because to sell at ceiling prices would be to sell at a loss.

Los Angeles, Sept. 20.—Prices for the following are f.o.b. Los Angeles:—

Sage.—Dalmation type, guaranteed to contain less than 12 percent stems named at 85c. per pound for small lots.

Marjoram.—French type sweet marjoram, in dried and clean form quoted 75c. per pound. Limited supply.

Savory.—French type Summer savory, 85c. per pound in small lots.

Sweet Basil.—Named at $1.25 in dried

Thyme.—French type in dried and clean form named at 92c. for small lots. form.

Recent Imports

All matter under this head fully protected by copyright

AMBERGRIS—1 cs, 178 lbs, Balfour, Guthrie & Co
ANNATTO SEED—20 bgs, Pablo Calvet & Co
10 bgs, D Steengrafe
BALSAM COPAIBA—30 cs, Dodge & Olcott Co
120 cs, Merchants Export & Import Co
30 cs, Magnus, Mabee & Reynard
BANANA, FLAKES—4,000 cs, Manufacturers Trust Co
PASSAS—170 cs, Manufacturers Trust Co
100 cs
BOLDO LEAVES—70 bls, Andres Fruit & Produce Co
BRISTLES—80 cs
PIG—20 cs, Bank of London & South America
10 cs, Gondrand Shipping Co
10 cs, Loewstein & Gardner
CAFFEINE, ANHYD—35 bbls, Lo Curto & Funk
125 bbls, National City Bank
CALCIUM TARTRATE—125 bgs, W D Neuberg Co
CANARY SEED—500 bgs, Hinton & Co
400 bgs, Wm Renner Seed Co
CASHEW KERNELS—600 cs, 30,000 lbs, Braun Importing Co
50 cs, 2,500 lbs, A Zuloor Co
300 cs, 15,000 lbs, W A Higgins Co
355 cs, 17,750 lbs, W A Camp & Co
470 cs, 23,500 lbs, T M Duche & Sons
100 cs, 5,000 lbs, W A Herth Co
50 cs, 2,500 lbs, Bemis, Ltd
100 cs, 5,000 lbs, National City Bank
100 cs, 5,000 lbs, L Demartini
20 cs, 1,000 lbs, Bazziner Co
20 cs, 1,000 lbs, Biddle Purchasing Co
100 cs, 5,000 lbs
CASTOR BEANS—8,500 bgs, 1,275,000 lbs, Commodity Credit Co
6,782 bgs, 1,017,300 lbs, Guaranty Trust Co
3,400 bgs, 510,000 lbs, Spencer Kellogg & Sons
6,830 bgs, 1,024,500 lbs, Irving Trust Co
40 782 bgs, 6,117,300 lbs, Baker Castor Oil Co
CELERY SEED—172 bgs, 22,360 lbs, Otto Gerdau Co
72 bgs, 9,360 lbs, Kachurin Drug Co
CINNAMON—605 bls, 60,500 lbs, A G Dunn
5 bls, 500 lbs, J S Toledano & Pinto
3 bls, 300 lbs, Archibald & Kendall
7 bls, 700 lbs, Hudson Worth Co
387 bls, 38,700 lbs, S L Jones & Co
138 bls, 13,800 lbs, C M Van Sillevoldt
19 bls, 1,900 lbs, Wessel, Duval & Co
712 bls, 71,200 lbs, Volkart Bros
156 bls, 15,600 lbs, Catz American Co
59 bls, 5,900 lbs, C T Wilson & Co
3 bls, 300 lbs, Otto Gerdau Co
4 bls, 400 lbs, Holland Colombo Trading Soc, Inc
103 bls, 10,300 lbs
COCA LEAVES—27 bls, Maywood Chemical Works
COCOA BEANS—500 bgs, 100,000 lbs, Wessel, Kulenkampf & Co
250 bgs, 50,000 lbs, General Cocoa Co
94,291 bgs, 18,858,200 lbs, United States Commercial Co
2,000 bgs, 400,000 lbs, Wessel, Kulenkampf & Co
849 bgs, 169,800 lbs, Wessel, Duval & Co
800 bgs, 160,000 lbs, Nieschlag & Co
667 bgs, 133,400 lbs, W R Grace & Co
2,000 bgs, 400,000 lbs, Rockwood & Co
400 bgs, 80,000 lbs, Farr & Co
1,000 bgs, 200,000 lbs, Blumenthal Bros
400 bgs, 80,000 lbs, Carl M Loeb Rhoades & Co
2,000 bgs, 400,000 lbs, Cocoa Trading Co
DILLSEED—880 bgs, 114,400 lbs, Kachurin Drug Co
GINGER—180 bgs, Volkart Bros
GLUE, BONE—350 bgs, Bank of London & South America
HIDE—150 bgs, Manufacturers Trust Co
GLUESTOCK—72 bls, H Remis Co
GUM, ARABIC—8 bgs, Balfour, Guthrie & Co
CHICLE—300 bgs, Chicle Development Co
5 bgs, H A Astlett & Co
COPAL—24 bgs, O G Innis Corp
5 bgs, France, Campbell & Darling
25 bgs, Stroock & Wittenberg
5 bgs, Industrial Chemical Co
2 bgs, Balfour, Guthrie & Co
2 bgs, H P Winter & Co
1 pkg, Inter-Continental Trading Corp
KARAYA—134 bgs, Wm M Allison & Co
446 bgs, Innis, Speiden & Co
466 bgs, Jacques Wolf & Co
67 bgs, Gold Medal Haarlem Oil Co
133 bgs, Thurston & Braidich
133 bgs, Frank Vliet Co
HAIR, ANIMAL—8 bls, American Bristle Hair Drawing Co
9 bls, Philadelphia National Bank
10 bls, Manufacturers Trust Co
GOAT—0 bls
HORSE—20 cs, Gondrand Shipping Co
HONEY—300 bbls, M Gololetz & Co
250 bls, D Steengrafe
350 bls, Duncan Fox & Co
IODINE—9 bls, Anthony Gibbs & Co
MANIOC FLOUR—1,200 bgs, 168,000 lbs, United States Commercial Co
MARJORAM LEAVES—200 bgs, Hinton & Co
MENTHOL—25 cs, Wax & Rosin Products, Inc
6 cs, Roal & Co, Inc
10 cs, C L Huisking & Co
2 cs, Doggett & Ramsdell
4 cs, Republic Chemical Co
6 cs, McKesson & Robbins
46 cs, Vick Chemical Co
5 cs, Bristol Myers Co
1 cs, Arnhold Export & Import Co
80 cs, W F Young, Inc
10 cs, Pan American Trust Co
8 cs, First National Bank
20 cs, Chemical Bank & Trust Co
10 cs, Manufacturers Trust Co
MICA—5 cs, United States Commercial Co
MYROBALANS—1,066 bgs, American Dyewood Co
400 bgs, Hammond & Carpenter
640 bgs, Vermilye Co
NUX VOMICA—1,000 bgs, Volkart Bros
OIL, BERGAMOT—2 cs, Dodge & Olcott Co
CHAULMOOGRA—2 cs, Magnus, Mabee & Reynard
CITRONELLA—7 dms, Joensson & Cross
LEMONGRASS—1 dm, Geo Lueders & Co
1 dm, Orbis Product Corp
5 dms, Givaudan Delawanna
2 dms, P R Dreyer
1 dm, W J Bush & Co
62 dms, Volkart Bros
ORANGE—200 cs, Geismer & Co
70 cs, Bank of the Manhattan Co
70 cs, Canadian Bank of Commerce
65 cs, Irving Trust Co
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